

CLC Hears Proposal From Next

Policies Aim to Stop Underage Drinking

By Mike Hall and Lara Davenport

At a hearing before the Cambridge Licensing Commission, Next House proposed new internal policies to curb underage drinking.

Following a June incident in which an intoxicated, underage female was hospitalized after attending a Next House room party, the CLC ordered this hearing to review Next House's lodging license. According to an internal MIT report, the female was already drunk when she arrived at Next House.

The CLC will decide whether or not to punish Next House at a September 28 decision hearing. However, Next house will likely receive little or no punishment, given its efforts to address the alcohol problem and the precedent in other MIT cases before the commission.

Plan emphasizes peer pressure

Under the plan presented by Next House President Jay R. Mitchell '02, the Next House government would revoke one-third of a wing's social funds for every alcohol violation committed on that wing.

Edward J. Ouellette G, the Graduate Resident Tutor of the wing cited in the incident, said that the intent of the proposal was to encourage responsible alcohol use among all residents by sanctioning an entire wing instead of an individual student.

"One of the big problems is that in cases like these, students stand up for each other," Ouellette said. "We think this might add some peer pressure."

In addition, the plan requires one resident over 21 years old on each wing to undergo Training for Intervention Procedures (TIPS) alcohol safety training and to patrol all gatherings where alcohol is available. Incoming freshmen would also be required to attend alcohol awareness education at a series of study breaks.

Currently, risk managers and alcohol servers at fraternities, sororities, and independent living groups are required to complete TIPS training, and two-thirds of each house must complete an Interfraternity Council alcohol education program.

At the hearing, Mitchell said that the proposed changes by the Next House Executive Committee would address the alcohol problem early by using peer pressure to encourage incoming freshmen unfamiliar with alcohol not to drink excessively.

Mitchell added that the funds used to educate residents would come from the dean's office instead of from house funds. Volunteers may be offered some incentive or payment to enter the training program.

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Board Grants IPOP For New Grad Dorm

Decision Contingent on Design Review

By Naveen Sunkavally

EDITOR IN CHIEF

With a stern reprimand to better serve its graduate student population, the Cambridge Planning Board granted MIT the necessary IPOP permit to begin construction of its planned graduate dormitory on Sidney and Pacific street.

The Interim Planning Overlay Permit (IPOP) is required for all buildings greater than 50,000 square feet in Cambridge, and was given to MIT contingent on a future design review meeting.

"It was the most tense meeting I've ever been to," said Graduate Student Council President Soulaymane Kachani G in describing Tuesday night's meeting.

In a surprising turn of events, the Board said that MIT had been too responsive to the community, changing its design to the point that the dorm was no longer serving the needs of graduate students.

Since its two community meetings, MIT had lowered the number of stories on the Sidney side from six to five, added retail space on the ground floor of the Sidney side, and increased the number of parking spaces reserved for residents from the required minimum of 63 to 250.

"It looks like a parking lot with a building in it," said Board member William Tibbs. Tibbs said that MIT could have better allocated parking spots between the underground lot and ground-level lot, and that MIT could have improved the quality of the open space.

"Very short term concerns are dictating a building that will be here long after you and I are gone," said Board Vice-Chair Thomas Anniger, referring to MIT's tight housing situation and the fact that the planned undergraduate dormitory on Vassar Street is tied up in litigation.

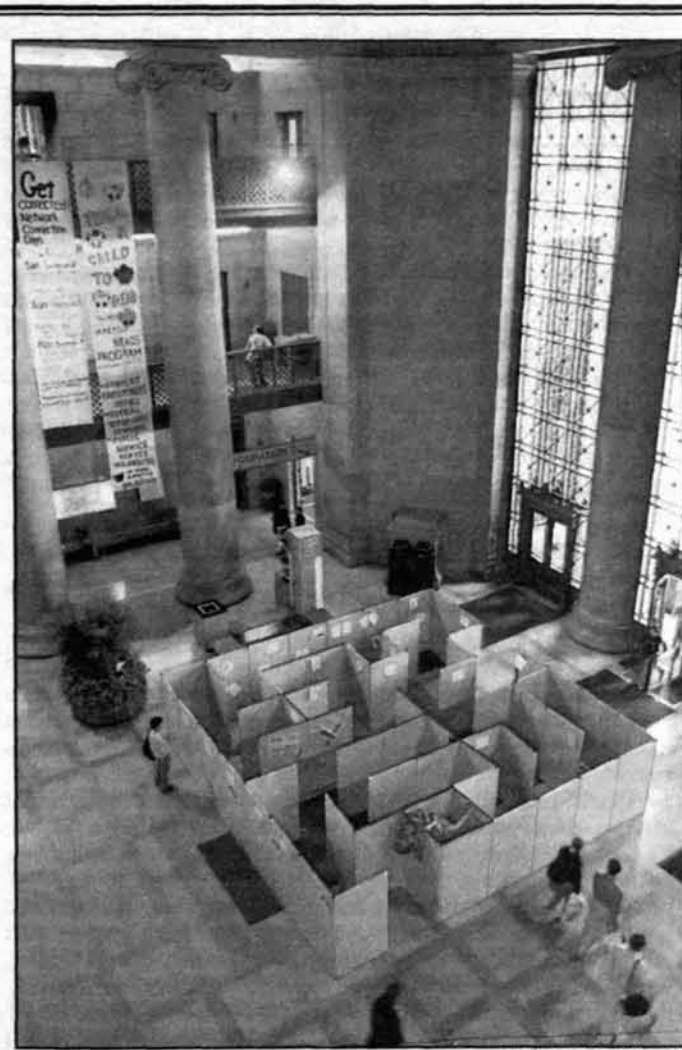
MIT administrators have said that the new graduate dorm may house undergraduates if the undergraduate dorm is not completed by 2002.

Anniger said that the design came across as "rushed" and not well thought out, especially given the effort MIT spent in designing the undergraduate dormitory, the Stata Complex, and the new Fitness Center.

MIT responds to concerns

One of the modifications that the Board asked MIT to make before

Grad Dorm, Page 18



ROSHAN BALIGA—THE TECH

A life-sized maze constructed out of cubicle walls appeared in Lobby 7 on Reg Day, evidently giving freshmen a taste of MIT one day early.

MIT Drops Two Spots in Latest College Rankings

By Derrick Carpenter

U.S. News and World Report ranked MIT fifth among national universities this year, dropping it two spots from last year's ranking.

Among national universities, Princeton University was ranked first, followed by Harvard and Yale Universities, which tied for second.

The California Institute of Technology placed fourth, while Stanford University came in sixth.

MIT was ranked first among undergraduate engineering schools with a Ph.D. program and tied the University of Michigan at Ann Arbor for second for its undergraduate business program, coming in behind the University of Pennsylvania.

"It is very good that MIT continues to be rated as one of the handful of institutions at the very top of all universities," said Institute President Charles M. Vest.

Dean for Undergraduate Education Robert Redwine said that "we have many reasons to be proud of MIT's stature as a world-leading teaching and research institution."

U.S. News uses 16 pieces of data to calculate rankings, including graduation rate, student-faculty ratio, and financial resources. The primary change made to this year's methodology was in the weighting of per capita spending, as researchers believe that large

Rankings, Page 32

Asbestos Leak Closes Pub Storeroom for Grad Orientation



WENDY GU—THE TECH

Bartender and Graduate Student Council Vice President Ryan J. Kershner G shares a laugh with a patron of the Muddy Charles Pub, located on the first floor of Walker Memorial.

By Laura McGrath Moulton
and Jennifer Young
STAFF REPORTERS

The Muddy Charles Pub had more to worry about than fake IDs and unruly patrons last Thursday, when discovery of a damaged asbestos pipe covering led to the closure of its storeroom. As a result, the popular graduate student watering hole lost access to its supplies of beer and wine during graduate student orientation.

Although the suddenness of the closure and the lack of early communication earned criticism from the pub and the Graduate Student Council, cooperation between MIT officials and Aramark helped to ensure a successful graduate student orientation.

Repairs lead to asbestos discovery
Most pipes in Walker Memorial,

Muddy Charles, Page 27



SPORTS
MIT football
prepares for
the new
season.

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A Media Lab graduate student suffered minor injuries after an assault outside his house early Tuesday morning.

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WORLD & NATION

Bush Shows Willingness To Compromise on Debate Schedule

THE WASHINGTON POST

DETROIT

George W. Bush embarked Thursday on an effort to retool his campaign by showing new willingness to compromise on the presidential debate schedule and indicating that he will work more aggressively to connect with voters.

Bush told reporters that he would negotiate with Gore over the debate schedule — a stark reversal of his earlier effort to impose a plan that the vice president deemed unacceptable. He said he would begin conducting the town hall meetings he abandoned at the end of the primary season and suggested he would borrow a tactic from Gore, visiting the homes of voters who would benefit from his tax cut proposal.

The Bush campaign also sought to seize the edge in the perpetual public relations war over the meaning of new polls — most of which show a much closer race than a few weeks ago — by rolling out a new theme: Bush as the underdog.

"I am the underdog — I sure am," Bush declared to reporters clustered around him on an airport tarmac here. "But I was underdog when I first started. Nothing's changed about underdog status. ... A challenger is somebody who, you know, generally comes from the pack and wins, if you're going to win, and that's where I'm coming from."

House Fails to Override Clinton Veto on Estate Tax Repeal

THE WASHINGTON POST

WASHINGTON

The House on Thursday failed to override President Clinton's veto of legislation to repeal the estate tax as GOP leaders conceded that their two-year-long drive to enact major tax relief had all but collapsed.

By a 274 to 157 vote, the House fell 14 votes short of the necessary two-thirds majority of those voting to override Clinton's veto. The bill would have gradually phased out the estate tax over the coming decade, at a cost to the Treasury of \$105 billion over 10 years.

Republicans contend the tax levied on an estate after a person dies is a burden on small businesses and family farms, forcing heirs to sell off land and close down companies to cover the tax bill. Clinton vetoed the bill a week ago, charging that Republicans were favoring the wealthy and would squander the nation's budget surplus.

Republicans vowed Thursday to hammer the Democrats in the fall campaign over their opposition to the estate tax as well as another bill vetoed by the president providing major tax cuts for married couples.

Both Israelis and Palestinians Agree That Time Is Running Out

LOS ANGELES TIMES

UNITED NATIONS

Israeli and Palestinian leaders found something to agree upon Thursday: Their once promising peace process is on its last legs and may be over within weeks.

Israeli Prime Minister Ehud Barak told a news conference at the U.N. Millennium Summit in New York that Israeli-Palestinian negotiations may have no more than "a couple of weeks" in which to avoid a long-term deadlock that could have dangerous implications throughout the volatile region.

Barak's gloomy assessment followed by a day President Clinton's separate meetings with the Israeli prime minister and Palestinian Authority President Yasser Arafat.

Later Thursday, U.S. Secretary of State Madeleine K. Albright insisted that U.S. officials will continue to push for agreement but conceded that the time is short.

New Poll Shows Bush, Gore Neck-and-Neck With Voters

By Dan Balz and Richard Morin

THE WASHINGTON POST

WASHINGTON

Al Gore and George W. Bush are locked in a dead-even race for the White House, according to a new Washington Post-ABC News Poll, with Gore having consolidated gains he made at his convention and enjoying the edge on who is best equipped to handle the issues voters say are most important to them.

The Post-ABC poll reveals an electorate that is sharply divided over the choice for president in November but relatively contented with both major party candidates. With two months remaining before election day, the poll foreshadows a fiercely competitive contest ahead as Gore attempts to capitalize on the strong economy and Bush seeks to make a compelling case for changing parties after eight years of Democratic control.

In a four-way matchup, Gore and Bush each received 47 percent support among likely voters, with Green Party nominee Ralph Nader at 3 percent and disputed Reform Party nominee Pat Buchanan an asterisk. In a two-way race, Bush led Gore 49 percent to 47 percent.

The polls taken immediately after Labor Day this year are considered especially important by presidential candidates because they are the first that measure the lasting impact of the summer political conventions, and they mark the moment in the race that many Americans begin to pay serious attention to the candidates.

In the past four elections, the candidate ahead at Labor Day has gone on to win the White House. Twice since World War II — in 1960 and 1980 — the races were statistically tied at this stage. The 1960 race stayed close until the end, with John F. Kennedy narrowly defeating Richard M. Nixon. The 1980 contest broke open in late October, with Ronald Reagan easily defeating incumbent Jimmy Carter. Both campaigns said they expect this race to remain competitive until the end.

The new Post-ABC findings represent a slight narrowing in the race since the weekend immediately after Gore's convention last month, when the Democratic nominee led Bush by 48-44 percent. But more important, the polls shows the clear shift that has occurred since July, just before the two major party conven-

tions were held, when Bush led Gore by 8 percentage points.

Unlike Bush, who surged to a double-digit lead at the time of the GOP convention, only to see it begin to evaporate the following week, Gore has retained most of the support following his convention.

The race has polarized along classic lines. Men support Bush by 52-38 percent, while women support Gore by an identical margin. Gore enjoys the support of about eight in 10 Democrats, while Bush has the backing of almost nine in 10 Republicans. Independent voters narrowly favor Bush. Gore holds a clear lead in the Northeast, but in every other region, including the battleground Midwest, the poll finds the race is statistically tied.

Gore not only has wiped out Bush's overall lead, but also has gained an edge on a number of key questions of character and on issues.

The poll is based on telephone interviews with 1,065 registered voters nationwide, including 738 likely voters and was conducted Sept. 4-6. The margin of sampling error for the overall results is plus or minus 3 percentage points and 4 percentage points for results based on the sample of likely voters.

Justice Dept. Examines Probe; Could Take Firestone to Court

By Caroline E. Mayer and Cindy Skrzycki

THE WASHINGTON POST

WASHINGTON

Pressed by members of Congress, the Justice Department is conferring with federal safety regulators to see whether there are grounds for launching a civil or criminal investigation into the way Bridgestone/Firestone Inc. and Ford Motor Co. have handled the recall of 6.5 million tires.

However, officials at both Justice and the National Highway Traffic Safety Administration said mounting a criminal case would be unlikely because of the difficulty in proving that either company or its executives deliberately concealed information about a safety defect

from government officials.

Attorney General Janet Reno said in her weekly news conference Thursday that in response to a letter from Sen. Patrick Leahy, D-Vt., her agency is "reviewing everything to see what would be appropriate, and that would include civil or criminal" laws.

Sue Bailey, the new NHTSA administrator, said in an interview Thursday, "We're having conversations with Justice and we defer to them as we look at any possible penalties." However, she added, "we're a long way from that."

Government officials say that only one NHTSA case has ever been referred to Justice for possible criminal prosecution. That 1992 case recommended action against

Toyota for allegedly making false statements to the agency in a case involving a fuel tank defect. The safety agency ended up settling with the carmaker.

Bailey said that in light of the issues that have been raised by the recall, the agency is considering whether to seek a dramatic increase in the maximum civil penalties companies must pay when they withhold vital information or fail to promptly notify the government about safety defects.

Currently, the maximum civil penalty is \$925,000. Ford, was fined \$425,000 a few years ago for failing to disclose a defect involving an ignition switch. NHTSA asked Congress to increase the penalty to \$4 million, a request that is pending.

WEATHER

Situation for Noon Eastern Daylight Time, Friday, September 8, 2000

A Persistent High

By Véronique Bugnion

STAFF METEOROLOGIST

The area of high pressure which has given us plenty of sunshine this week will gradually be making its way towards the southeast over the weekend. As it drifts, warmer and more humid air will be directed towards us from the southwest, increasing temperatures by a few degrees over the fall-like weather of the past few days. These conditions should persist through the early part of next week. A very weak front could trigger a brief shower as it passes overhead on Saturday evening, but that seems rather unlikely.

Fall may be just around the corner in New England, but early spring conditions in Antarctica have left an ozone hole of record proportions. An area of 11 million square miles, approximately three times the size of the United States, is now partially or totally depleted of its ozone shield.

Today: Mostly sunny and breezy (15-25mph). High in the low 80°Fs (28°C).

Tonight: Low 60 to 65°F (16-18°C).

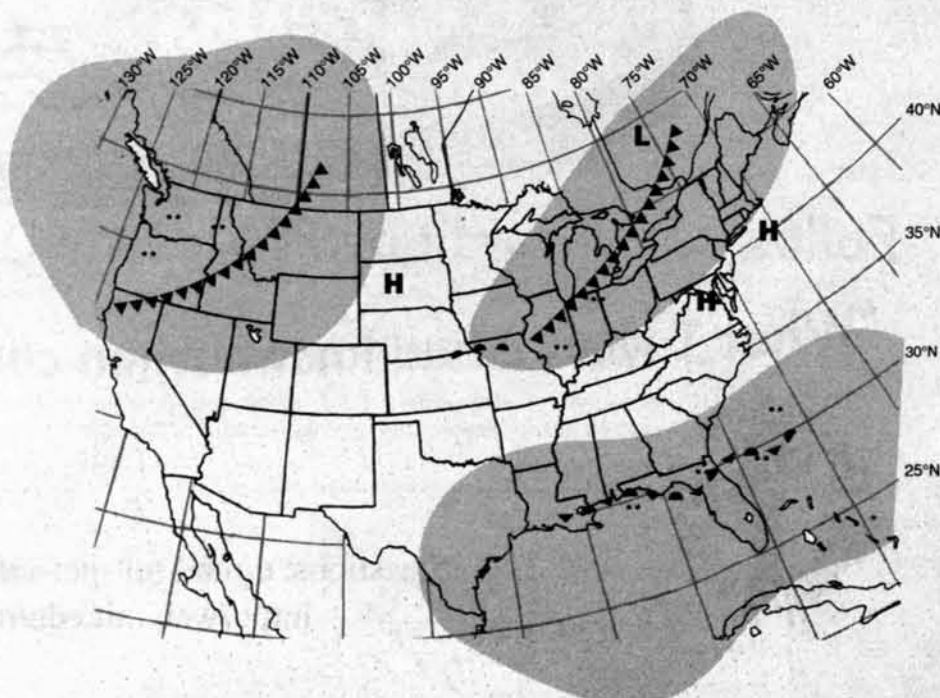
Saturday: Partly cloudy, high around 80°F (27°C).

Sunday: Partly cloudy, high near 80°F (27°C).

Monday: Gradually increasing cloudiness, high still around 80°F (27°C).

Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	- - - Trough	☐ Snow	☁ Fog
L Low Pressure	—▲— Warm Front	☐ Rain	⚡ Thunderstorm
§ Hurricane	—▲—▲— Cold Front	☐ Light	☁ Haze
	—▲—▲—▲— Stationary Front	☐ Moderate	
		☐ Heavy	

Compiled by MIT Meteorology Staff and The Tech



AOL Defends Merger Despite Concerns of Media Monopoly

By Alec Klein

THE WASHINGTON POST

BRUSSELS, BELGIUM

America Online Inc., yielding few concessions and dismissing critics, defended its plan to merge with Time Warner Inc. in a tense stand-off Thursday before European regulators.

Officials of Dulles, Va.-based AOL, speaking to staffers and attorneys of the European Commission in a private hearing, tried to play down concerns that its merger would create a media powerhouse that would level competitors, dominate the Internet and control consumer choice, according to sources who were among the 100 invited guests at the eight-hour hearings.

The AOL team of at least a dozen lawyers and economists argued that the company's success as the world's biggest Internet service provider was simply a matter of knowing what consumers want and giving it to them.

AOL and Time Warner officials could not be reached for comment after the session.

Led by Paul Cappuccio, AOL's general counsel, and Barry Schuler, president of Interactive Services, AOL assured regulators that it would not favor Time Warner's content over such rivals as Walt Disney Co., and maintained that it was not in its business interest to discriminate. For instance, if AOL users want to surf for Mickey

Mouse, a Disney property, AOL said it would not force Bugs Bunny, a Time Warner favorite, on them.

But critics maintained that AOL has erected a virtual "walled garden" that makes it difficult for its 26 million subscribers to navigate on the Web beyond its service. In testimony before the commission, Ross Bagully, chief executive of Tribal Voice Inc., a Denver-based instant-messaging firm, accused AOL of preventing users of competing systems from communicating with AOL's subscribers.

"The wall that AOL has built around the IM (instant messaging) marketplace today will become virtually impervious to competition," Bagully said.

Compromise Expected in MP3 Suit

NEWSDAY

The future of trading music over the Internet, an incendiary issue that's enriched lawyers and cocktail-party conversations, even as it has polarized music fans and some artists — will likely be a compromise, and the losers today could be winners tomorrow, some experts suggested Thursday.

The speculation comes in the wake of Wednesday's ruling by a federal court judge that online music service MP3.com willfully violated copyright laws by making thousands of compact discs available for listening over the Internet. The ruling makes the site liable for fines that could reach as high as \$250 million, although MP3.com has vowed to appeal.

Some experts, however, say that no matter how the case ends after months of appeals, MP3.com will probably end up working closely in the not-too-distant future with the same recording industry firms that brought the lawsuit against them.

That partnership could, they said, include so-called "middle ground" options for digital distribution of music that employs new economic models for the recording industry that could involve direct sales through the site, subscriptions or forms of both.

Howard King, a Los Angeles attorney who represents the rock band Metallica in a pending suit against file-swapping service Napster, said the litigation against these services is not about putting them out of business. Instead, he said, "I think the record labels are desperately looking for some space to create their own way to control digital distribution of music."

German Leader Takes Blows As Euro Hits Record Low

LOS ANGELES TIMES

BERLIN

German Chancellor Gerhard Schroeder's not-to-worry attitude toward Europe's plummeting common currency not only sent the euro to another record low Thursday but exposed the German leader to a barrage of criticism that he is making a bad situation worse.

Schroeder's observation earlier this week that a weak euro boosts German exports by making goods cheaper in the important U.S. market served to undermine financial officials' calls for strengthening the currency to forestall inflation and rising interest rates.

The European Central Bank has already raised lending rates six times since November in a futile bid to stop the euro's plunge. The tightening of credit threatens to repress growth prospects in the euro zone.

The weakened euro is particularly damaging because of the surging worldwide price of oil, which is traded universally in dollars. That makes energy costs even worse for Europeans.

Gasoline costs upwards of \$4 per gallon in Germany and France, and inflation among the 11 countries using the euro has grown to 2.4 percent — above the community's self-imposed limit of 2 percent.

Increased Violence Forces Iran's President To Slow Nation's Reform

By Robin Wright

LOS ANGELES TIMES

UNITED NATIONS

President Mohammad Khatami warned Thursday that growing polarization over the direction of Iran's post-revolutionary society may trigger new confrontations and violence and has already forced his government to slow the pace of change.

In a sobering assessment of Iran's internal strife, Khatami pledged that he still stands for sweeping reforms in the world's only modern theocracy. But he warned that public demands for change "should not rise beyond what is possible."

"The people have a certain

understanding of their rights, which may be more than the government can offer right now," he said, with exceptional candor, to a small group of reporters at the U.N. Millennium Summit.

In a message that will echo back home, he also cautioned that reformers "have to be careful not to lose what we have achieved" so far.

Because of serious differences between rival camps, Iran's leadership cannot leave society "in a state that is vulnerable to various forces that endanger peace and security," he added at a later news conference.

The charismatic Iranian leader, whose upset election three years ago led to widespread expectations of political and social openings, even

indicated that he may be only a transition figure as the strategic and oil-rich country struggles to move from a revolutionary society toward a new form of Islamic democracy.

It has been an escalating battle to achieve those reforms. Over the past six months, the two most outspoken elements in the pro-Khatami reform movement — young people, who account for about 65 percent of Iran's population of 70 million, and the independent media — have faced increasing repression at the hands of conservatives and surrogate vigilantes.

Many reformist papers have been silenced and many journalists imprisoned by the nation's conservative judiciary.

Hungry?
Hungry?
Have dinner with the Graduate Christian Fellowship!



Followed by a talk by Professor Dan Hastings:

"What I wish I had known when coming to Grad school at MIT"



Questions: e-mail mit-gcf-info@MIT.EDU
<http://web.mit.edu/mitgcf>

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The Tech Must Avoid Prejudicial Language

Last Thursday's front-page article on residence selection among sororities ["Sorority Rush Goes Slowly This Year"] discusses the bid process in terms of "the number of girls who attend the rush parties." MIT is in general not in the business of treating its students as children (developments of the past few years notwithstanding), and thus it puzzles

me that your newspaper refers to fellow students as "girls" instead of adult women. Were the story discussing fraternities instead of sororities, I have some doubt that such a diminutive term would be applied. As a principal medium for the communication of MIT's culture, *The Tech* has a responsibility to avoid language that promotes prejudices based on gender and age.

Matthew Belmonte

Lecturer

Program in Writing and Humanistic Studies

A Friendly Recommendation

A friendly recommendation to freshman Roy Esaki, an obviously avid reader and writer whose guest column "Feeling Rushed" was published on August 29 in *The Tech*: peruse Orwell's "Politics and the English Language" (available online) for some relevant tips on further honing your formidable rhetorical talents.

Izzat Jarudi '04

MARSHALL CORNEY The Currier-Hodgers Copy/News Service



Opinion Policy

Editorials are the official opinion of *The Tech*. They are written by the editorial board, which consists of the chairman, editor in chief, managing editor, news editors, and opinion editors.

Dissents are the opinions of the signed members of the editorial board choosing to publish their disagreement with the editorial.

Columns and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper.

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Letters and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without the express prior approval of *The Tech*. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. *The Tech* makes no commitment to publish all the letters received.

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A Specter Of Familism

Roy K. Esaki

The ascetic, sterile room of a week ago, vaguely suggestive of an institutional cell, has since been domesticated by large quantities of files, clothes, and packing material strewn, draped, and hidden around my dorm room. Though I have made myself at home, I do not yet know when this room will truly be my new home. Nor do I even know how I will know if it has become my home.

As a newly migrated fledgling, the concept of "home" intrigues me, as I seek to define my relationship with my place of residence. One could materialistically define a home as the location at which one sleeps, studies, bathes, and does laundry (hypothetically speaking, of course). If we accept such a definition, however, we fail to adequately explore the interpersonal interactions that are integral to the metaphysical construct of a "home"... also, my column would be too short.

Functionally, the home is a quixotic sanctuary, where we may escape the torrent of relentless competition, demands, and judgments of the external world. Free from the hesitations and fears that originate from our self-consciousness and our desire to carefully control our public image, we can allow ourselves to think, act, and exist as we wish at home.

This degree of comfort, however, may exist within a multitude of social entities — a team, club, fraternity, a close group of friends, a dorm, floor, or suite. If too many homes abound, however, the distinction between the external world and the inner sanctuary becomes hazy, if not moot.

Of course, there need not be only one home. We distinctly feel that we have returned home after returning to the States after an extended trip abroad, upon going back to our family during the holidays, or, from what I have been told, upon returning back to campus after the holidays.

To make the concept of "home" germane, then, we must distill and refine the groups with which we feel comfortable and familiar while allowing enough flexibility to account for social entities on various levels of intimacy. If we consider a home to be the collective residence of a family, we can then accommodate the exclusivity with the flexibility of the concept of the home.

What distinguishes a family from other close-knit entities is that it focuses on the group as the primary unit; the members thereof are incorrigibly associated with, if not defined by, the family. Sharing the same social and emotional volksgeists, family members forge, often without knowing it, a common identity in a particular home. Thus, be it our nationality, our surname, or our immediate and extended residential affiliation, we proudly identify ourselves as a member of our family.

Because the family exists as a unit, there is no direct competition amongst its members, all the members are of inherently equal worth (although some may necessarily be in a position of authority), and the individual units work for the collective betterment of the whole. In essence, we come to the inevitable conclusion that the home is the fundamental expression of, surprisingly, the communist ideal.

Lest my name be registered on the list, let me say that I firmly believe in capitalism, libertarianism, and Objectivism. For a home to be harmonious, comfortable, and enjoyable, however, expression of individuality and self-determination must be balanced with a consciousness and consideration for the family unit. Wherever we live, we must share the same resources, be it the shower or national parks, and it is much more beneficial to everyone if there is a communal respect for the common interests of the group. The most comfortable arrangement occurs when residential location, identifying the common interests of the group, becomes a home.

Applying this concept of a home to my new residence at MIT, I suppose that I will know when my dorm is a home when I accept the sacrifice that must be made. That sacrifice is a privilege (and ultimately self-beneficial) to make, however, as in exchange for unbridled freedom and egoism, I gain a new family, a new home, and a new place to miss in four years.

The Arrival of the New Millennials

Class of 2004's Generation Promises to Reshape MIT and the World

Guest Column
Christopher D. Smith

Their arrival at MIT reinforces these two bits of conventional wisdom: they are the most pampered generation ever, and they are primed for success.

"They" are the Millennials, the generation of people born since 1982. The Classes of 2004 all over the nation filling university halls are the Millennials' vanguard. Last week, the MIT Class of 2004 was introduced to the Institute by way of circus-like festivities and omnipresent block-rocking music. To the casual upperclass-observer, Orientation 2000 appeared bigger and bolder than in past years, almost as if heralding the appearance of some great new thing on the MIT scene.

Some historical scholars would say Millennials are that great new thing. William Strauss and Neil Howe, authors of the widely popular books "Generations" and "The Fourth Turning," have stated quite plainly that of the possible four generational types, Millennials fit squarely into the "Hero" archetype. Strauss and Howe describe them as confident and industrious, inclined toward the spirit of the "can-do civic builder." According to Strauss and Howe, Millennials' lives have been shaped — regulated, really — by the collective melodramatic pessimism of their Boomer parents and by the postmodern materialism of the 1990s. Strauss and Howe also contend that by 2020, the United States will experience a crisis on the level of the American Revolution, the Civil War, or the Great Depression. They hold firmly that Millennials will play a prime role in ushering the nation and the world through the crisis and in establishing a post-crisis social order. Like Neo from "The Matrix," Millennials are supposed to save the

world.

Millennials' childhood has been defined by two events: the dawn of the New Economy and the Columbine killings. Millennials picked up early on the Tao of the New Economy: society consists not of conflicting rich and worker classes, but instead of an single class of consuming innovators working together to widen and deepen the public pot o' gold. Millennials have demonstrated their intuitive grasp of this fact by their now-legendarily savvy use of their purchasing power, and their enthusiastic entrepreneurial drive.

Columbine's influence has been almost as powerful. Columbine represented the crescendo of a rash of sparse but shocking suburban and rural school shootings. Many Millennials approved of measures — some bordering on the fascistic — that attempted to improve their safety. Millennials, in very stark contrast to their Gen-Xer older siblings, trust authority.

There are other signs that Millennials listen and respond to authority. Many of the teenage pathologies (such as teen pregnancy and drug use), which began rising with Boomers and that have been used to indict Gen-Xers, have significantly declined as Millennials have taken over American high schools. They openly embrace the concept of God and spirituality. They've earnestly accepted cultural diversity and have rediscovered discarded social customs such as politeness and civic activism. They are clear products of the new conservative, values-based climate which pervades the educational establishment.

Millennials are also fervent believers in the religion of Cool. In contrast to Gen-Xers who were never able to agree on what it meant to be cool, Millennials created a generic, Main Street brand of of coolness, an inclusive standard that allows everyone, even

the genuinely uncool, to get by. Also, unlike Gen-Xers, they are decidedly unconcerned with "being real," feeling comfortable with an image-conscious and superficial world. Proof? They've taken net-lingo to incomprehensible levels, filling their AOL chatrooms with phrases like: U R 2 kewl! They managed to take the worst of Gen-Xer music — Debbie Gibson and New Kids on the Block — and awash the world in its bubblegum pop derivative, performed most notably by Britney Spears and 'NSync. In general, Millennials are a cohort of do-gooders who aim to strike it rich in a way that makes Mom and Dad proud, and which doesn't offend Granny's sensibilities. They are the cute Smiley face to Gen-X's roguish skull and crossbones.

While the history hasn't been written, strong indicators have emerged over the last two weeks about the impact of Millennials (in the form of the Class of 2004) on MIT. Their reaction to the MIT FSILGs has been less than encouraging, with many fraternities and sororities falling short of their recruitment goals. Clearly influenced by news reports and worrisome parents, they are electing the safe and bland over the risky and fun. At the Activities Midway, MIT Speech and Debate was a surprise freshman fave. The latest academic rumor is that the Class of 2004 will declare for course XV in unprecedented numbers, portending the imminent EECS/Sloanie takeover.

In terms of campus politics, they've responded with genuine enthusiasm to the UA-IFC-Dormcon-ASA conglomerate. That the UA might be popular would be taken as a sure sign that the apocalypse was upon us by previous Gen-Xer classes. With the Class of 2004, it just might mean we are entering an era of renewed civic responsibility and activism among MIT undergraduates.

Whatever the future holds, the new freshmen have been openly embraced by Tim Beaver and the gang. To paraphrase one upperclassman: "The freshmen this year are hot — I think the goal of recruiting well-rounded people is just a euphemism for getting better-looking students."

Christopher D. Smith is a member of the Class of 2001.

The Universe and Reality

Guest Column
Kenneth Nesmith

As a freshman, Philippe C. Larochelle's column ["A Unified Theory of Everything," August 30] felt slightly degrading to me. Freshmen do worry about such things as religion and the universe. Several of us have felt the same alternating feelings of startling despair and epiphanal joy mentioned in the column as we step back and try to gain some perspective on the universe as a whole. However, some of us arrive at different conclusions than Larochelle.

It is not possible for us to attain a complete knowledge of the universe. Heisenberg's uncertainty principle states that we cannot know the position and momentum of a particle at the same time. Even if we were to make measurements as accurately as possible and then attempt to use that knowledge to predict the future of the system in question, chaos theory would ensure that our initial uncertainties would quickly magnify themselves and make our predictions useless. Furthermore, the computational difficulties involved in such predictions may be insurmountable. Computations are based on physical phenomena within the processor of the computer. We cannot model such particle interactions faster than they occur in the processor itself; hence it becomes fundamentally impossible to make such predictions. These, and a host of other problems involving the way our measurements and predictions actually affect the outcome of the system we are measuring and predicting, ensure that the sort of forecasting and prediction that Larochelle envisions cannot be realized.

Our inability to predict the future belies

the fact that at the most fundamental level the universe is not deterministic. Quantum mechanics tells us that if we perform a simple experiment with an electron over and over again, precisely the same way, the outcome will not be the same. The universe, on this most fundamental level, does not function as a system of wheels and cogs. There is some unavoidable element of probability and randomness.

Furthermore, the value of the conclusions drawn in the column is questionable. Regardless of how we understand and describe reality, we must accept it for what it is. Each of us feels that we have free will. If we were to suddenly find that we were only a small piece of the cosmic game of billiards with no real control over what happens to us and the world around us, would we suddenly lose our sense of free will and consciousness? Would we suddenly feel like machines? Would we immediately feel a loss of control over every choice we made, from choosing whether to drink the Sprite or the Pepsi to deciding whether to wear shorts or pants? Of course not. Regardless of the true nature of free will, we feel that we have it, and as humans, we must accept it as such. Reality is what it is. How we choose to describe it or understand it does not change it.

I am personally unsure of religion's role in my life, but I'm leaving myself open to wherever experience may lead me. We can debate arguments for and against the existence of God, the soul, and free will for hours on end, but the nature of each of these is such that only personal experience will lead us to belief. All of us, theists and atheists alike, have our doubts, but each of us crafts our beliefs more precisely through the experiences we have each day. I'm not sure it does anyone justice to prechart their path through

the waters of personal philosophy via a simple dichotomy of despair and belief.

MIT's goal is not to understand everything in the way that Larochelle describes. The school is not attempting to create all-knowing masters of the universe

who are simply able to see future events via measurement and prediction. Rather, the school seeks to endow students with a firm understanding of the world around them so that they may live their lives with an enhanced perspective and comprehension of the workings of the universe in whatever walk of life they may choose.

I need to worry about such things. I'm a human.

Kenneth G. Nesmith is a member of the Class of 2004.

Our inability to predict the future belies the fact that at the most fundamental level the universe is not deterministic ... the universe does not function as a system of wheels and cogs.

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Learn more about The Tech's Opinion Department
at The Tech Open House, Sunday, 2-5.

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The MIT transportation department is providing the shuttle service and will follow the “safe ride” route to dorms and fraternity houses in Cambridge, Boston and Brookline. The shuttle will run on a half hour schedule (completing the round trip approximately every thirty minutes) starting at 10:00 am and leaving from the MIT COOP at Kendall.

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THE ARTS

MUSIC REVIEW

State of the Airwaves

Face To Face, Fiction, and a Flooded Market

By Dan Katz
STAFF WRITER

First week of classes and you're having trouble coping? Put down the books and go to a concert, specifically Travis's gig at the Avalon Saturday night. Not only are Travis one of the most charismatic live acts on the road right now, they'll be joined by Remy Zero, who hold the impressive distinction of being one of Radiohead's favorite bands. The pair should make for a rewarding evening of music. If instead you have a penchant for the Amazing Crowns, you're in luck... the swing-punk hybrid stops at Bill's Bar on Friday and then opens for Face To Face and 6Gig on Sunday at the Palladium in Worcester. Finally, Zebrahead and Wheatus come to Karma Wednesday in an attempt to get some recognition for their catchy radio hits "Playmate of the Year" and "Teenage Dirtbag."

Well, I told you the torrent was coming, and here it is. There are a ridiculous number of promising albums hitting stores this Tuesday. If guitar rock is your cup of tea, you'll want to pick up the Marvelous 3's *Readysexo* and Harvey Danger's sophomore effort, *King James Audio*. Those looking for a sense of humor are likely to find it in Barenaked Ladies' *Maroon*, which should do well on the Billboard charts, as well as *Volumizer* by 2 Skinnee J's and *Freaked Out And Small* by The Presidents (formerly known as The Presidents of the United States of America). There are hard rock discs from Cold and At The Drive In, synthesized offerings from Underworld (a live album) and Electronic, and a little of both on VAST's *Music For People*. Finally, if you caught last year's *State of the Airwaves* concert with Sarah Slean, you might remember an enigmatic opening guitarist named Kurt Swinghammer. His *Vostok 6* album hits stores Tuesday as well.

On the topic of the Marvelous 3 (the 1999 *State of the Airwaves* Live Act of the Year), the good news is that the band is currently scheduled to play a show in Boston with SR-71 on September 27. The bad news is that they're scheduled to play the Paradise Rock Club, which was closed months ago for liquor license violations. No changes have been made to the date on the band's site or Pollstar, so I can only hope the show will move to a different venue (Axis?) rather than not happening at all.

I recently read a long article on an Internet news site complaining about how much Orgy's "Fiction (Dreams In Digital)" resembles a Marilyn Manson song, and I'm going to have to vehemently disagree. While it's never a good idea to release a cover as your first single (especially of a

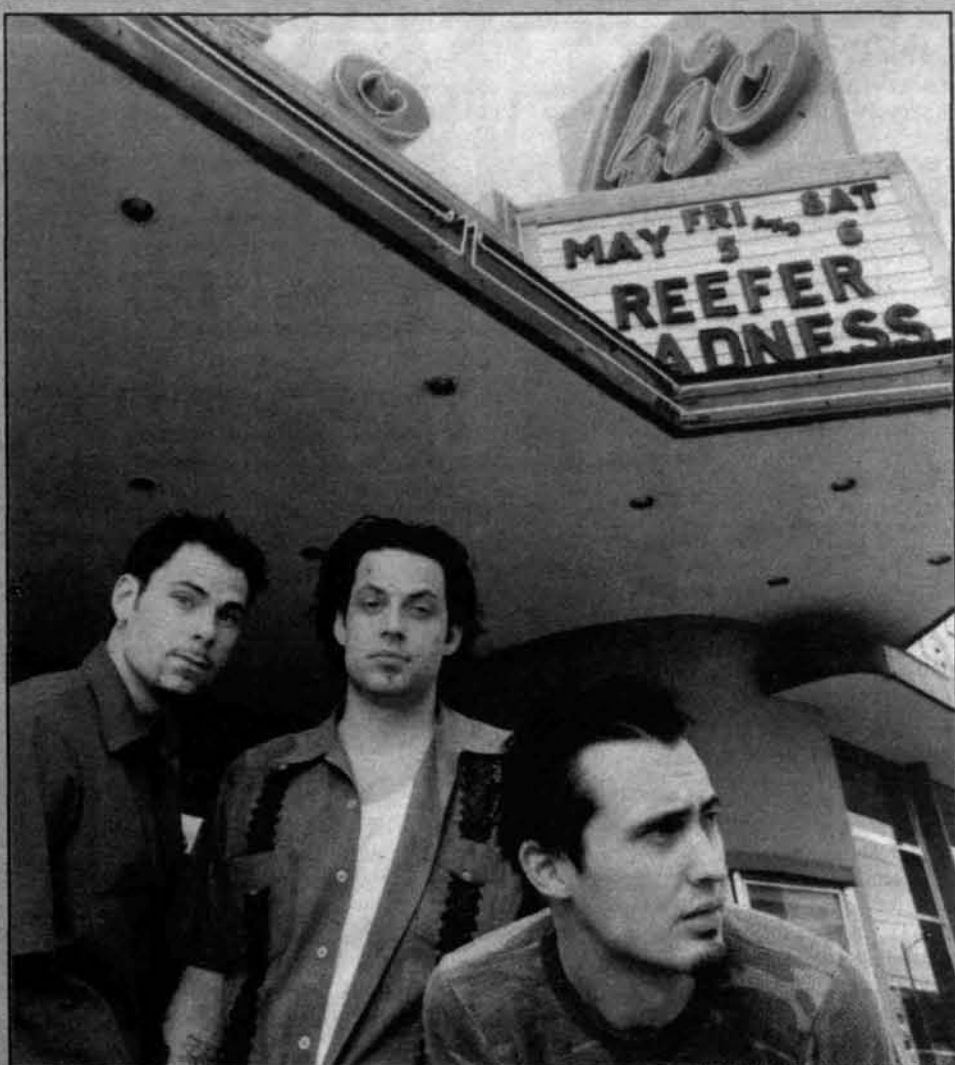
song as unique as New Order's "Blue Monday"), Orgy have established their own voice with songs like "Stitches" and "Dissension," and while Jay Gordon uses a similarly low and overdramatic voice, the band's sound focuses less on angry power chords and more on weird dissonant counter-melodies. "Fiction" isn't exactly a new direction for Orgy, but their current direction is distinctive enough for me.

At the same time that the bands I like are pumping out tracks I dig, a couple of bands I don't normally approve of have released surprisingly decent singles. Most notable in this group is Everclear's newest song, "AM Radio." The song's based around samples from Jean Knight's "Mr. Big Stuff," which could easily come off as blasphemy. But Art Alexakis's lyrics about his childhood (he's actually not whining this time) and the well-crafted drum tracks make the song more of an homage than a sacrilege. The other temporary non-offender is Green Day, whose "Minority" has one of the most infectious choruses of the year, not to mention a much less repetitive reappearance of the melodic acoustic guitars from "Good Riddance." Nice to hear a new songwriting path from them.

Finally, if you think you've heard a new Smash Mouth song about skateboarding recently, you're wrong: it's actually "Heaven Is A Halfpipe," by a band called OPM that manages to sound exactly like Smash Mouth (maybe with a dash of Jimmie's Chicken Shack). They also manage to

recreate Smash Mouth's shallow catchiness, making their upcoming tour with Eve 6 all the more appropriate.

I have once again come to the sad realization that I'm being far too positive in this column. There's got to be some terrible songs out there, and the best way for me to find them is for you to point them out to me. If you surf MTV or the radio or anything similar, let me know what you think the best and worst tracks in current rotation are, and maybe I'll give you a cookie. Send that and any other comments that strike your fancy to <airwaves@the-tech.mit.edu>. 'Til next time, enjoy your classes and keep expanding your horizons.



WE'RE NOT SMASH MOUTH—Though OPM's new single "Heaven Is A Halfpipe" may sound like something by Smash Mouth, the band (from left, Matthew, John e. Necro, and Casper) assures us they wrote it themselves.

FILM REVIEW

The Art of War

Destroying Filmgoers From the Inside

By Erik Blankinship
STAFF WRITER

Directed by Christian Duguay
Story by Wayne Beach
Screenplay by Wayne Beach and Simon Barry
Starring Wesley Snipes, Anne Archer, Maury Chaykin, Marie Matiko, Cary Hiroyuki, Michael Biehn, and Donald Sutherland

England has James Bond. America has Remo Williams. The United Nations has Neil Shaw. Working in a clandestine special missions group within the U.N., Shaw (Wesley Snipes) is a covert action man equipped with the best hi-tech espionage gear. In Warner Bros.' latest release *The Art of War*, Shaw's missions are centered around troubled trade negotiations between China and Korea. The Secretary General of the U.N., pathetically played by half-asleep Donald Sutherland, agrees to deploy Snipes to blackmail the parties into cooperating with the U.N.

Of course, things go awry, leaving the U.N. and Shaw to scramble. In an unintended funnier moment of the film, the U.N. sizes up its situation and comments, "[they're using] blackmail... that sounds like one of our tactics" (black male, get it?).

Given China as the antagonist, racial tensions and cultural conflicts run throughout the film, but they are not handled with any finesse. Lines like, "I don't need a fortune cookie to tell me what's going on" are gratuitous. So is helping the audience figure out who is Chinese by conveniently tattooing many of them with Asian pictographs. Another Asiaphobic film also starring Snipes, *Rising Sun*, picked Japan as the "other" culture that is explored by a street-smart American detective who flirts with an Asian chick. It seems that Snipes and his agent are angling to dominate

this niche market.

Action-adventure films presume a certain suspension of disbelief, but this film takes too many liberties. The most annoying scene comes at the end of the film when the U.N. becomes an automated House of Usher, complete with escalators coming to life, elevators opening on

their own accord, and doors locking automatically.

The camera in this film never rests; kinetic crane shots are intercut with zoom-ins and zoom-outs throughout the film. Never dizzying or nauseating like the hand-held work of *The Blair Witch Project*, the film looks more like a Janet Jackson music video. If only it were that good; the soundtrack is uninspired techno that does nothing to pump up the audience of an action film.

The final fight scene is styled à la *The Matrix*, including slow motion bullets hovering through the air and black trench coats. Nothing original here, but it is at least entertaining to watch.



Wesley Snipes stars as Neil Shaw, a United Nations secret agent, in *The Art of War*.

Crossword Solution

ARAL	BEAT	ASSES
NONO	ELMO	BANAL
TUNNEL	ELLER	SPIRO
SEAGREEN	S	TITLE
ERA	OGRE	
SLUR	GIS	RANGES
HEN	BUNK	ACTUAL
IRA	LENIENT	AGE
MORTAR	PADS	VEE
SIMONE	BRO	PART
ODDS	PIA	
STERN	IMMERSION	
HORDE	FAIRYTALE	
EDGES	TUNA	OGLE
DOORS	SITS	ROAD

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ON THE SCREEN

— BY THE TECH ARTS STAFF —

The following movies are playing this weekend at local theaters. The Tech suggests using <http://www.boston.com> for a complete listing of times and locations.

★★★★ Excellent
★★★ Good
★★ Fair
★ Poor

Alice et Martin (★★½)

A simple, yet poignant love story. The screenplay, however, is far outdone by the cinematography. Numerous images and scenes stand out, thanks to the careful direction of André Téchiné, making this film a refreshing break from the usual empty summer blockbuster. — Lianne Habinek

The Art of War (★★)

Wesley Snipes is a special agent for the United Nations trying to negotiate a trade agreement from behind the scenes with hi-tech espionage and explosives. The film's plot is completely implausible and the action sequences are poorly lifted from *The Matrix*. — Erik Blankinship

Bring It On (★★★)

One of the better movies of the summer merely because of its amusing banter and exaggerated characters. Stupid jokes and predictable conflicts are delivered throughout the film, but *Bring It On* doesn't lose its cheer. Kirsten Dunst plays the captain of the Toros, a cheerleading squad that goes head-to-head with members of a Compton squad, which includes the members from R&B group Blaque. The one-liners and catty attitudes are let loose in director Peyton Reed's silver-screen endeavor. — Solar Olugebefola

But I'm a Cheerleader (★★★)

The concept of heterosexual reprogramming camp could make for a reasonably serious drama. Here, director Jamie Babbit makes the circumstances ridiculous enough to keep the mood comedic, from the setting of a hot pink house to the irrational eagerness of the kids to "get better." The sugary indie pop music in the background completes the diorama. Clea Duvall reprises her lesbian rebel role from *The Faculty* to great effect, while Cathy Moriarty and RuPaul anchor the film as the camp's hypocritical directors. — Dan Katz

Chicken Run (★★★½)

Among a sea of summer turkeys, this is one "chick-flick" that doesn't run a-fowl! Cool claymation effects, brought to the big screen by the makers of the hysterical *Wallace and Gromit* series, and a droll British screenplay to follow-through. Cute, witty, and enjoyable for kids of all ages. — Karen Feigenbaum

Chuck and Buck (★★★)

A heart-felt look at an uneven friendship, severely underscored by Buck's case of arrested development and Chuck's resulting embarrassment of Buck. At times sad, amus-

ing and shocking; this is a cleverly written and fondly watchable indie flick, if you can get past the low-budget grainy film texture. — KF

Croupier (★★★½)

An interesting film about a casino dealer who avoids placing wagers himself. His ability to avoid gambling is questioned as he is forced to risk certain aspects of his daily life. — Jordan Rubin

Girl on the Bridge (★★★½)

An enchanting film that is never boring. Director Patrice Leconte emphasizes the visual and the actor-audience relationship to convey the story of two very different people who nonetheless form the perfect match. — LH

Godzilla 2000 (★★★)

A delightfully low-tech movie. Watch the giant lizard raze Japanese cities in this modern Japanese import that accurately mimics the quality of the old *Godzilla* movies. Forget the muddled, almost nonexistent plot, and go for the fight scenes and the chance to laugh at the cheap special effects. — EB

Hollow Man (★★★)

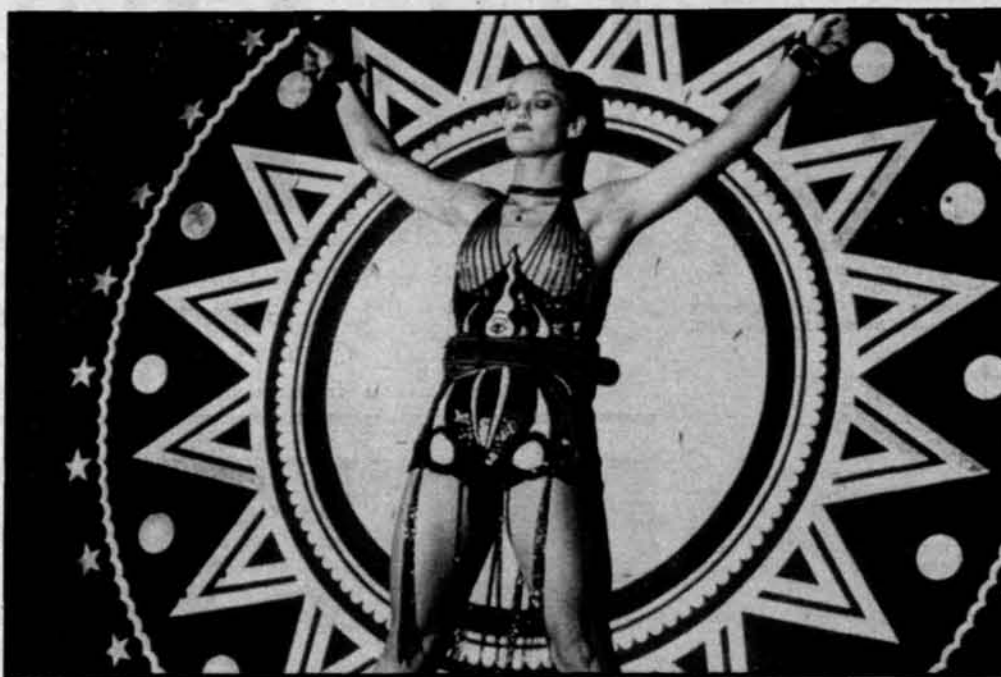
Three things stand out about this movie. First, the direction proves that director Paul Verhoeven (*Robocop*, *Total Recall*) is at the top of his game. Second, Kevin Bacon sizzles on screen, even when he appears only as a digital effect. And finally, the visual effects are, not surprisingly, spectacular. It's enough to almost make you forget this movie has no real story. — Vladimir Zelevinsky

Nutty Professor II: The Klumps (★★)

The feel-good movie of the year ... if relentless jokes about flatulence and geriatric sex happen to make you feel good. The sequel has a lot in common with the original. Once again, the highlights revolve around Eddie Murphy's impossibly slick Buddy Love character and Larry Miller's evilish Dean Richmond, and once again the movie suffers from an inexplicably vapid love interest (played here by Janet Jackson). Way too much time spent on the Klump family and not enough time spent on, well, anything funny. — DK

The Patriot (★½)

You may as well call it *Braveheart of the Mohicans*. You've seen this movie ... a few times, in fact, and done better. Not the worst movie out there, but the screenplay is weak and poorly fleshed out with equally one-dimensional characters. Predictability runs rampant (the son slated to be killed might as well have a bullseye painted on his chest). If you must,



Vanessa Paradis stars as Adele in Patrice Leconte's *Girl on the Bridge*. The film is currently playing at Landmark Kendall Square Cinema.

catch a bargain matinee, and bring a friend with whom you can have a running dialogue of sidebar banter. — KF

Shaft (½)

A disappointing piece of sub-par drivel, especially from such a competent writer/director as John Singleton (*Boyz n the Hood*). It is hastily thrown together with a stupid story line, ridiculous dialogue, and an all-around clumsy screenplay. Samuel L. Jackson is one bad motherfucker, but that was already well-established in *Pulp Fiction*, and much more skillfully. Even lowered expectations won't prepare you for the sheer unimpressiveness of this film. — KF

What Lies Beneath (★★½)

You may think you already know the story from the trailer: there's a woman who looks like

Michelle Pfeiffer haunting a house. But what follows the painfully slow beginning is a somewhat suspenseful thriller with a surprisingly creative ending. Obviously, you can't rely on the trailers — you'd have to go to the theaters to find out what lies beneath the surface of this movie. — KF

X-Men (★★★)

Marvel Comics' hit comic book series about a league of mutants comes to the big screen this summer, and the film is exceptional. The movie centers on Rogue and Wolverine, following their initiation into the league of X-Men, and remains mostly faithful to the comic book series. This action flick lives up to expectations while providing smart commentary on the issues of prejudice and injustice in today's culture. — Jumaane Jeffries

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Sep. 15: The The.
Sep. 21: Fuel.
Sep. 23: La Ley.
Sep. 29: Queens of the Stone Age.
Oct. 22: At the Drive-In.
Oct. 25: Virtuoso. Local hip-hop artists. Featuring Iyadonna & Clinton Sparks, 7L & Esoteric, Skitzofreniks, Shuman, Reks, Elliot Ness, and Ray Barboza.

Mondays: *Static* (Gay, casual dress). \$5, 18+.

Thursdays: *Chrome/Skybar* (progressive house, soul, disco; dress code). \$10, 19+; \$8, 21+.
Fridays: *Spin Cycle* (progressive house, 80's). \$12, 19+; \$10, 21+.

Avalon

617-262-2424
15 Lansdowne St.

Sep. 9: Travis.
Sep. 15: Dickey Betts Band.
Sep. 24: David Gray.
Sep. 27: Lyricist Lounge. A night of hip-hop with Mos Def, Talib Kweli, Major Figgas, and Punch & Words.
Sep. 30: Great Big Sea.
Oct. 3: Joan Osborne.
Oct. 19: Moby.

Berklee Performance Center

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1140 Boylston St.
Free student recitals and faculty concerts, 4 p.m. and 7 p.m. some weekdays. For info. on these concerts, call the Performance Information Line at 747-8820.

Sep. 9: Compay Segundo.
Oct. 1: Marisa Monte.
Oct. 7: Irakere.

Centrum Centre

Ticketmaster 931-2000.

Sep. 17: Faith Hill & Tim McGraw:
Soul 2 Soul Tour 2000. \$59.50, \$49.50, \$29.50.

Club Passim

47 Palmer St., Cambridge.
Ticket prices vary. Call 618-492-7679 for more info.

Sep. 9: Rachel Bissex and Barbara Phaneuf.
Sep. 10: Chris & Meredith Thompson.
Sep. 13: Darryl Purpose.
Sep. 15: Cliff Eberhardt.
Sep. 16: Lynn Miles.

Fleet Center

Ticketmaster: 931-2000.

Sep. 15: Furthur 2000 with performances by The Other Ones (featuring Bob Weir, Mickey Hart, Bill Kreutzman and Bruce Hornsby) and Ziggy Marley and the Melody Makers. \$35.
Sep. 20: Tina Turner. \$85.25, \$55.25, \$35.25.

The Lizard Lounge

1667 Mass Ave.
617-547-0759

Sep. 9: The Coots.
Wednesdays: Baby Ray.
Thursdays: Club d'Elf.

ManRay

21 Brookline St., Cambridge
864-0400

Wednesdays: *Curses* (Goth. Appropriate dress required). \$5, 19+; \$3, 21+.
Thursdays: *Campus* (Popular tunes + House, Gay, casual dress). \$8, 19+; \$5, 21+.

Fridays: *Fantasy Factory* (First and third Friday of the month. Features kinky fetishes and industrial music.) *Hell Night* (every second Friday. 19+. Includes Goth music.) *Ooze* (the last Friday of the month). \$10, 21+. reduced prices for those wearing fetish gear.
Saturdays: *Liquid*. Disco/house + New Wave. \$12, 19+; \$8, 21+.

The Middle East

Ticketmaster: 931-2000.
Ticket prices vary. Call 354-8238 for more info.

Sep. 8: Helicopter Helicopter.
Sep. 9: Stockian.
Sep. 10: Stick Figures.
Sep. 14: Hot Rod Circuit.
Sep. 15: Luna.
Sep. 15: Shiner.
Sep. 16: Jiggle (formerly Jiggle the Handle).
Sep. 16: The Knoxville Girls.
Sep. 17: Lynx.
Sep. 17: Toots & the Maytals.

Orpheum Theatre

Ticketmaster: 931-2000

Sep. 16: Dan Fogelberg.
Oct. 26, 27: Ani DiFranco.
Oct. 25: Omara Portuondo. A vocalist presented by The Buena Vista Social Club. With guest Barbarito Torres, one of Cuba's greatest lute players.

Sanders Theatre

617-496-2222
45 Quincy St., 02138

Oct. 6: Holly Near And Cris Williamson.
Oct. 14: WOFA-Drum and Dance of Guinea.
Nov. 1: The Whirling Dervishes.

On The Town

A weekly guide to the arts in Boston

September 8 - 15

Compiled by Fred Choi

Send submissions to ott@the-tech.mit.edu or by Interdepartmental mail to "On The Town," The Tech, W20-483.



Blue Man Group will be performing their fantastic feats at the Charles Playhouse, September 6-30.

Nov. 10: Natalie MacMaster.
Nov. 25: Capitol Steps.

T.T. the Bear's Place

10 Brookline St., Cambridge, 617-492-BEAR

Sep. 8: Silkworm.
Sep. 8: The Gentlemen.
Sep. 9: Waltham.
Sep. 10: Leaf Jumpers.
Sep. 11: Charlie Chesterman.
Sep. 12: Nelly Furtado.

Tsongas Arena (Lowell, MA)
Ticketmaster: 931-2000.

Sep. 8: Mega Star Far East Indian Musical Concert.

Tweeter Center for the Performing Arts (Great Woods)
885 South Main St., Mansfield, MA 02048
Ticketmaster: 931-2000

Sep. 11, 12: Phish. Sold Out.

Jazz Music

Regattabar

Concertix: 876-7777

Sep. 8-9: Scott Hamilton Quartet.
Sep. 12: Either/Orchestra.
Sep. 13: Aaron Goldberg Trio.

Scullers Jazz Club

(All performers have two shows per day unless otherwise noted.)

Sep. 8-9: Rebecca Parris.
Sep. 13: Loston Harris.
Sep. 14, 15: Walter Beasley.
Sep. 19, 20: Jonathan Butler.
Sep. 21, 22: Danilo Perez Quintet.
Sep. 26: Salim Washington Ensemble.

Classical Music

Boston Symphony Orchestra

Tickets: 266-1492.

Performances at the Koussevitzky Music Shed in Lenox, MA unless otherwise noted.

Sep. 28-30, Oct. 3: Beethoven, Missa Solemnis. Seiji Ozawa; conductor; Emiko Suga, soprano; Anna Larsson, mezzo-soprano; Kurt Streib, tenor; Willard White, bass; Tanglewood Festival Chorus, John Oliver, conductor. At Symphony Hall, Boston. Tickets on sale Sep. 7.

Dracula: The Music and Film

Nov. 9 at 7:30 p.m. Philip Glass and the Kronos Quartet perform live music to a presentation of the 1931 classic film starring Bela Lugosi. At the Orpheum Theater (1 Hamilton Pl., Boston). Tickets \$50, \$35, and \$25. Call 876-4275 to order.

Theater

The Water Engine

Sep. 8-Oct. 1 Wed.-Sat. at 7:30 p.m., Sun. at 2 p.m. at the Tremont Theater (246 Tremont St., Boston, 617-292-4740. Pet Brick Productions, now in its second year, begins their 2000-2001 season with a work by David Mamet. *The Water Engine* is an exciting early piece of Mamet's originally written as a radio play for NPR. Radio technology plays a large role in the play and Pet Brick Productions has recreated a radio studio complete with a Foley sound effects artist. Although the technology is 1930's, it has many brilliant commentaries to make on the roles of science and scientist in our daily lives. Tickets for *The Water Engine* are \$20 for adults and \$16 for students/seniors. Tickets are available through MajesTix at (617) 824-8000 or online at <www.maj.org>, and at all BosTix locations.

Seussical

Sep. 8-10, 12-17. The pre-Broadway tryout of the show marketed as a "re-imagining of Dr. Seuss," *Seussical* brings together many of the characters (29 in all) from Dr. Seuss including Gertrude McFuzz and The Cat in the Hat who narrates. Music and Lyrics by Lynn Ahrens and Stephen Flaherty, the same team who wrote the score to the acclaimed shows *Once on This Island* and *Ragtime* and the movie musical *Anastasia*. At the Colonial Theatre (106 Boylston St., Boston). Tickets \$74-\$23.75. For tickets call Ticketmaster at 931-2787.

Comedy Connection

Mon.-Wed. at 8 p.m.; Thurs. 8:30 p.m.; Fri. and Sat. 8 p.m., 10:15 p.m.; Sun. 7 p.m. The oldest comedy club in Boston showcases big-name, national comedians on weekends and up-and-coming local talent during the week. At 245 Quincy Market Place, Faneuil Hall, Upper Rotunda, Boston. Admission \$10-\$8 (weekend prices vary). Call 248-9700 for more information and a complete schedule.

Blue Man Group

Charles Playhouse, 74 Warrenton Street, Boston, indefinitely. Curtain is at 8 p.m. on Wednesday and Thursday, at 7 and 10 p.m. on Friday and Saturday, and at 3 and 6 p.m. on Sunday. Tickets \$35 to \$45. Call 426-6912 for tickets and information on how to see the show for free by ushering.

Shear Madness

Charles Playhouse Stage II, 74 Warrenton Street, Boston (426-5225), indefinitely. Curtain is at 8 p.m. Tuesday through Friday, at 6:30 and 9:30 p.m. on Saturday, and at 3 and 7:30 p.m. on Sunday. Tickets \$30-34.

Exhibits

Institute of Contemporary Art

955 Boylston St., Boston, 02115, (617) 266-5152 (Hynes Convention Center T-stop). Features a wide variety of contemporary conceptual art with shows which emphasize artists from outside the United States. Admission \$6 adults, \$4 students and seniors, free to children under 12 and members. Admission free on Thursday evenings. Wheelchair accessible.

Isabella Stewart Gardner Museum

280 The Fenway, Boston. (566-1401), Tues.-Sun. 11 a.m.-5 p.m. Admission \$10 (\$11 on weekends), \$7 for seniors, \$5 for students with ID (\$3 on Wed.), free for children under 18. The museum, built in the style of a 15th-century Venetian palace, houses more than 2500 art objects, with emphasis on Italian Renaissance and 17th-century Dutch works. Among the highlights are works by Rembrandt, Botticelli, Raphael, Titian, and Whistler. Guided tours given Fridays at 2:30 p.m.

Museum of Fine Arts

465 Huntington Ave., Boston. (267-9300), Mon.-Tues., 10 a.m.-4:45 p.m.; Wed., 10 a.m.-9:45 p.m.; Thurs.-Fri., 10 a.m.-5 p.m.; Sat.-Sun., 10 a.m.-5:45 p.m. West Wing open Thurs.-Fri. until 9:45 p.m. Admission free with MIT ID, otherwise \$10, \$8 for students and seniors, children under 17 free; \$2 after 5 p.m. Thurs.-Fri., free Wed. after 4 p.m. Mon.-Fri.: introductory walks through all collections begin at 10:30 a.m. and 1:30 p.m.; "Asian, Egyptian, and Classical Walks" begin at 11:30 a.m.; "American Painting and Decorative Arts Walks" begin at 12:30 p.m.; "European Painting and Decorative Arts Walks" begin at 2:30 p.m.; Introductory

tours are also offered Sat. at 11 a.m. and 1:30 p.m.

Permanent Gallery Installations: "Late Gothic Gallery," featuring a restored 15th-century stained glass window from Hampton Court, 14th- and 15th-century stone, alabaster, and polychrome wood sculptures from France and the Netherlands; "Mummy Mask Gallery," a newly renovated Egyptian gallery, features primitive masks dating from as far back as 2500 B.C.; "European Decorative Arts from 1950 to the Present"; "John Singer Sargent: Studies for MFA and Boston Public Library Murals." Gallery lectures are free with museum admission.

Museum of Our National Heritage

33 Marrett Rd., Lexington, 02421. (781-861-6559). Mon.-Sat. 10 a.m.-5 p.m.; Sun. 12 p.m.-5 p.m. Admission and parking free. <http://www.mnh.org>

Museum of Science

Science Park, Boston. (723-2500), Daily, 9 a.m.-5 p.m.; Fri., 9 a.m.-9 p.m.; Sat.-Sun., 9 a.m.-5 p.m. Admission free with MIT ID, otherwise \$9, \$7 for children 3-14 and seniors.

The Museum features the theater of electricity (with indoor thunder-and-lightning shows daily) and more than 600 hands-on exhibits. Ongoing: "Discovery Center"; "Investigate! A See-For-Yourself Exhibit"; "Science in the Park: Playing with Forces and Motion"; "Seeing Is Deceiving." Ongoing: "Everest: Roof of the World"; "Living on the Edge." Admission to Omni, laser, and planetarium shows is \$7.50, \$5.50 for children and seniors. Now showing: "Laser Depeche Mode," Sun., 8 p.m.; "Laser Offspring," Thurs.-Sat., 8 p.m.; "Laser Rush," Sun., 9:15; "Laser Beastie Boys," Thurs.-Sat., 9:15 p.m.; "Laser Floyd's Wall," Fri.-Sat., 10:30 p.m.; "Friday Night Stargazing," Fri., 8:30 p.m.; "Welcome to the Universe," daily; "Quest for Contact: Are We Alone?" daily.

Commonwealth Museum

220 Morrissey Blvd., Boston, 02125. Located across from the JFK Library. Hours: M-F 9-5, S 9-3. Admission is Free. For more info. or to arrange a tour, call 617-727-9268.

Other Events

The Art of Weightlessness

Sep. 22 at 7 p.m., Sep. 23 at 8 p.m. Imagine a space-age dancer

transported into the silent film era attempting to fly despite physical constraints. In *The Art of Weightlessness* Bill Shannon a.k.a. Crutchmaster is a dancer, choreographer, and video artist who presents a mesmerizing production featuring rhythmic expression derived from complex simultaneous weight-sharing between arms and legs with a skateboard and crutches. New York's finest DJ, hip-hop, and contemporary dance artists accompany Shannon on this provocative trip into gravity. Presented by the Dance Umbrella at the Copley Theatre (225 Clarendon St., Boston). Tickets \$32-\$22. Student Rush/Children <18: \$15. Contact MajesTix for tickets at 617-824-8000 (Voice/TTY) or visit <www.maj.org>.

Italian-American Festas

A different patron saint is honored almost every weekend in Boston's North End during the summer with a procession, music, carnival games, and pasta. For more information, call 536-4100 or visit <http://www.woc.org/public/edward-wharton/feast.htm>.

Sep. 10: Santa Rosalia Di Palermo Society.

Two Wheel Deal

Through Sep. 29. Photographic exhibition by Tom McCarthy of motorcycles, with works since 1980. Daily 9-5 p.m.; call for weekend hours. At the New England School of Photography, 537 Commonwealth Ave., Boston, MA 02215. Call 617-437-1868 for more info.

Film Festivals

At the Museum of Fine Arts, Boston, 02115. For tickets and more information, call 369-3770. Tickets for each showing are \$7, \$6 MFA members, seniors, students, unless otherwise noted.

Art of Film Festival

Sep. 21 at 6 p.m., Oct. 19 at 6 p.m.: *Charlotte* (dir. Frans Weisz, The Netherlands/Germany, 1980, 90 min.). Three elements of Salomon's life come together in this powerful film: the young Salomon's love for her inspirational voice teacher Alfred Wolfsohn (Derek Jacobi), her struggles to understand the tragic legacy of suicide on the maternal side of her family, and the evolution of her work as an artist. "Charlotte conveys the anxiety and despair of the times, and one woman's heroic attempts at self-liberation-the extent of the strength of an individual against the overpowering tide of history" (San Francisco Jewish Film Festival).

Looking Forward, Looking Back: The Three Apples Storytelling Festival

Sep. 22-24. The 16th Annual Festival will be held in Harvard, Massachusetts. Each year New England's largest storytelling festival features over 20 different tellers with performances for all ages and interests. Sponsored in part by grants from local cultural councils, the festival draws over two thousand people each year to hear stories in the beautiful New England fall setting. For tickets and more info., call 617-499-9529 or visit <www.threeapples.org>. Prices start at \$7 for adults and \$4 for children per performance, with some free performances taking place throughout the weekend. Discount family day passes and advance sales tickets also available. Venues are handicapped accessible, and Saturday daytime adult performances will be Sign Language Interpreted.

Clint Eastwood: An American Master

Sep. 18-24 at the Harvard Film Archive, located at the lower level of

the Carpenter Center for the Visual Arts (24 Quincy St., Cambridge, 617-495 4700.) This year marked the seventieth birthday of one of the iconic figures of contemporary cinema: actor-director Clint Eastwood. It was nearly thirty years ago that Eastwood began his work on the other side of the camera, coming of age as a filmmaker with a generation of auteurs who would define the New Hollywood. While he remains a superstar in the film business, his legacy may well emerge less from his trademark "make my day" glare than from his quiet mastery of the codes of classical American cinema. Admission Prices are \$7 general, \$5 Students, Sr. Citizens unless otherwise noted. Visit <www.harvardfilmarchive.org> for more info.

Sep. 18 at 8:30 p.m.: *Play Misty for Me* (1971).

Sep. 20 at 7 p.m., Sep. 24 at 8:30 p.m.: *Bird* (1988).

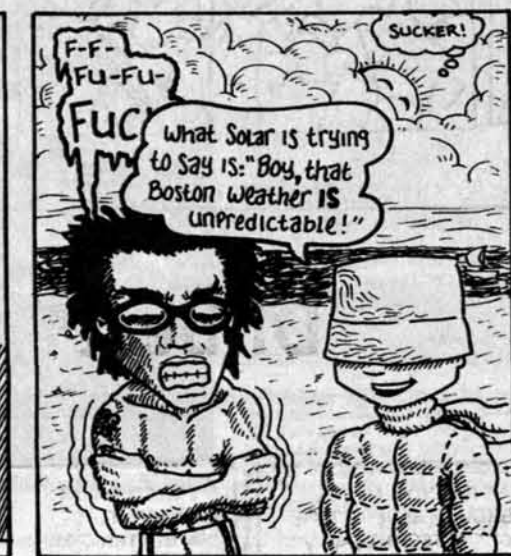
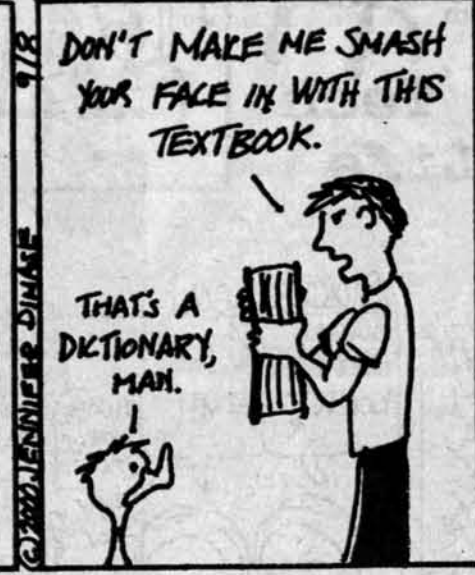
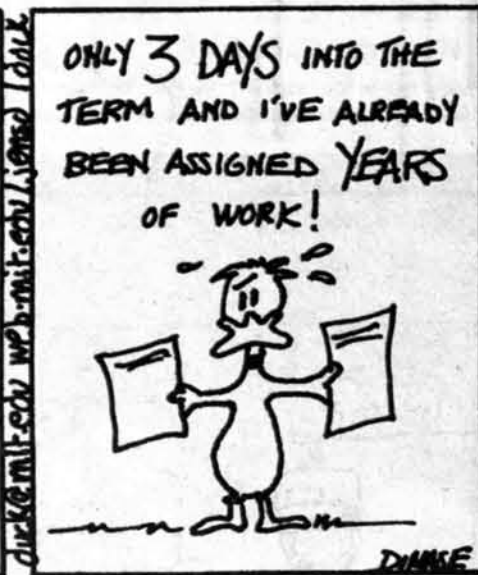
Sep. 22 at 7 p.m., Sep. 24 at 6 p.m.: *Unforgiven* (1992).

Sep. 22 at 9:15 p.m.: *The Good, the Bad, and the Ugly* (1966/1968).

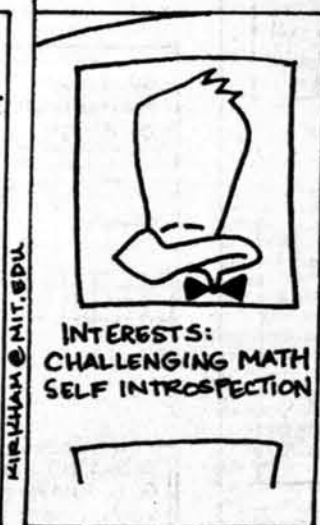
Sep. 23 at 8 p.m.: Director Bruce Ricker in Person. Special Event, all seats \$10. *Clint Eastwood: Out of the Shadows* (2000, Dir. by Bruce Ricker)

Down with Science

by Jennifer DiMase



the crass rat



INSTITUTE EVIL

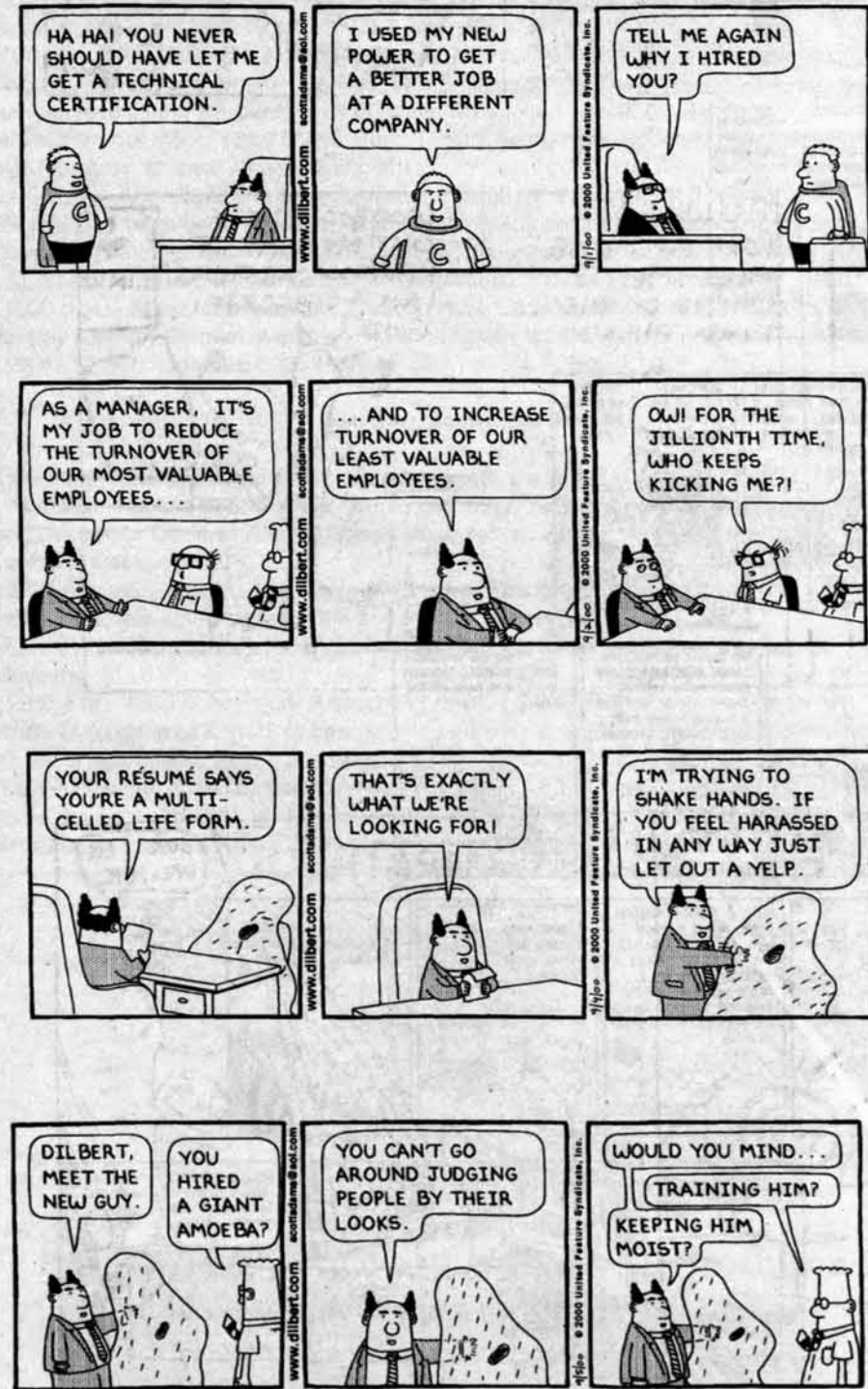


By Guan-Jong (John) Chen

Tech
Life



Dilbert® by Scott Adams



Crossword Puzzle

- ACROSS
- 1 Saltwater lake of Asia

5 Musical pulse

9 Saps

14 Childhood taboo

15 Tickle Me

16 Commonplace

17 Burrower

19 V.P. Agnew

20 Marine shades

21 Proof of ownership

22 Time period

23 Beastly character

25 Pronounce indistinctly

28 Rcts.

31 Grasslands

35 Coop biddy

36 Upper or lower berth

37 Real

38 Pension \$

39 Indulgent

41 Mature

42 Portable cannon

44 Paper tablets

45 Winners' letter

46 Ms. Signoret
- 47 Welfare hotel abbr.

48 Split hairs?

49 Ends' partner

51 Education-minded grp.

53 Severe

56 Baptism

62 Tribe on the move

63 Moral story

64 Perimeters

65 melt

66 Stare at

67 Cabinet features

68 Takes a chair

69 Highway or byway
- DOWN
- 1 Pismires

2 Lecherous man

3 "Karenina"

4 More time-consuming

5 Harassed

6 Vogue rival

7 Helmsley sitcom

8 Bulk of the body

9 Filches

10 Having sound
- judgment

11 Pique

performance?

12 British nobleman

13 Blackthorn

18 Miscue

24 Melodramatic drama set to music

25 Adjustment wedges

26 The king of France

27 Render harmless

29 Traveler's stop

30 Passes over

32 Tropical fruit

33 Ready for action

34 Frozen precipitation

36 Suavity

40 Corn unit

43 Specially made

48 Leader of the flock?

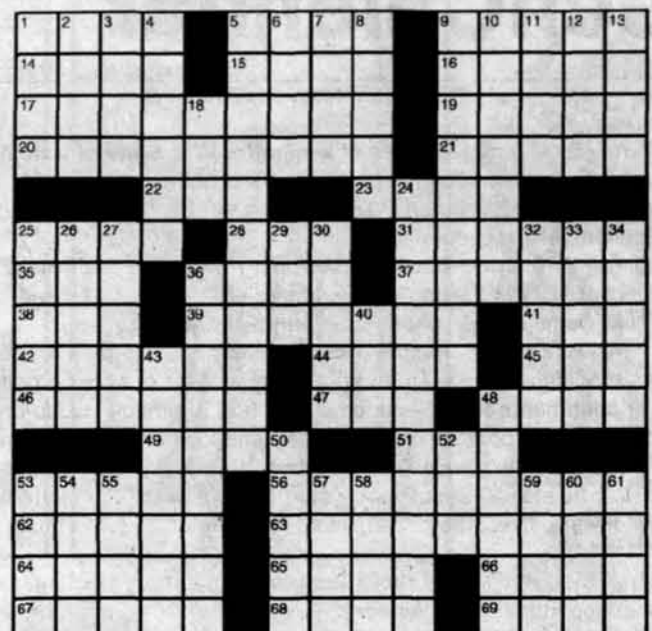
50 Processes flour

52 Endeavor

53 Outbuilding

54 Botheration

55 Therefore



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57 Hawaiian island

58 Money factory

59 "Othello" villain

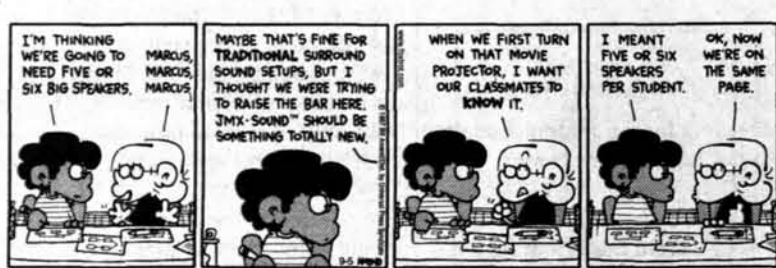
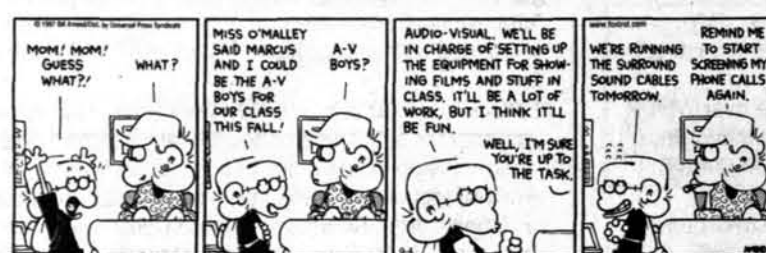
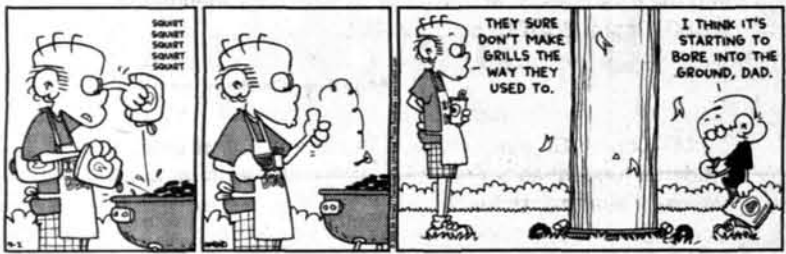
60 Earthenware jar

61 Require

Solution, page 7

FoxTrot

by Bill Amend



TechCalendar

Visit and add events to TechCalendar online at <http://tech-calendar.mit.edu>

Friday, September 8

10:00 a.m. - 5:00 p.m. - **Flashes of Inspiration: The Work of Harold Edgerton.** An interactive exhibition celebrating the life and work of MIT legend Harold . \$5; \$2 students/seniors; \$1 children 5-18; free with MIT ID. Room: MIT Museum, N52 2nd floor. Sponsor: MIT Museum.

12:00 p.m. - 1:00 p.m. - **Excel Quick Start.** This course presents an overview of Excel's basic functions, as well as some of its more powerful features and capabilities. free. Room: N42 Demo Center. Sponsor: Information Systems.

12:00 p.m. - 6:00 p.m. - **Annual Student Loan Art Exhibition.** An opportunity for MIT students (undergrad & grad) to borrow a fine art print or work on paper to keep in dorm rooms or apartments for the academic year (the exhibition is also open to the public). Discover modern & contemporary works by artists such as Josef Albers, Louise Bourgeois, Bruce Nauman, Cindy Sherman, Andy Warhol & more. Lottery-Sept 19; pick-up-Sept 20-21; free-for-all-Sept 22 (any students not selected in lottery may choose from unclaimed work). free. Room: List Visual Arts Center (E15). Sponsor: List Visual Arts Center.

4:00 p.m. - 6:00 p.m. - **MIT China Program Orientation Meeting.** Come and learn about internship opportunities in China and Taiwan. Internships available for all majors at companies such as General Motors, Microsoft Research, General Electric, as well as the US Embassy, Tsinghua University and more. free. Room: Student Center, Room 407. Sponsor: MIT China Program.

4:00 p.m. - 5:00 p.m. - **All About UROP: A Panel Discussion.** Come meet UROP staff and a panel of UROP students. We will discuss the UROP program in detail: how to get involved, current research, deadlines, etc. A question and answer session will follow the discussion. Anyone interested in learning more about UROP is welcome to attend. free. Room: 6-120. Sponsor: UROP.

4:15 p.m. - 5:30 p.m. - **Rook Polynomials and Counting Permutations by Cycles.** free. Room: Room 2-338. Sponsor: Combinatorics Seminar. Department of Mathematics.

5:30 p.m. - 6:00 p.m. - **MITSFS weekly 'meetings.'** While these are, technically, meetings, it is nigh-forbidden to conduct Real Business at them, as they're really social events. Imaginary Business, however, is allowed. Usually a dinner trip follows. free. Room: MITSFS Library, W20-473. Sponsor: Science Fiction Society, MIT.

6:00 p.m. - **earlyArrival.** We start off with ambient and chillhouse sets to set the mood. Location will probably be Networks, but may move outdoors if the weather is good. free. Room: Networks. Sponsor: Dance Mix Coalition, Undergraduate Association. Zeta Beta Tau, Senior House, East Campus, Weekends@MIT.

6:00 p.m. - **Graduate Christian Fellowship Dinner.** Join us for a delicious dinner, followed by music, prayer, and a talk by Professor Dan Hastings, telling us the things he wishes he had been told when coming to Grad school. free. Room: W20-491. Sponsor: Graduate Christian Fellowship.

7:00 p.m. - **Mission: Impossible 2.** Ethan Hunt leads his IMF team to re-capture and destroy a deadly German manufactured virus before it falls in the wrong hands. (PG-13) 123 m. \$2.50. Room: 26-100. Sponsor: LSC.

7:30 p.m. - **The Candidate.** Californian lawyer Robert Redford (as Bill McKay) fights for the little man. His charisma and integrity get him noticed by the Democratic Party machine and he is persuaded to run for the Senate against an apparently unassailable incumbent. He campaigns on his own terms, but once his prospects improve, the deal starts to change. \$2.50. Room: 10-250. Sponsor: LSC.

8:00 p.m. - **Return to the Forbidden Planet.** Musical parody of the classic science fiction movie of the same name. Derived from Shakespeare's The Tempest, this work borrows its music from the classics of 50's and 60's rock and roll. \$9, \$8 srs MIT fac/staff/other stdnt, \$6 MIT/Well stdnt; \$3 MIT frosh/xfers. Room: Kresge Little Theater. Sponsor: Musical Theatre Guild, MIT.

9:00 p.m. - **Arrivalhall.** The progressive beat in full force, broadcast live over WMBR 88.1FM. Lights, subs, tops, decor, this is the way trance is to be experienced. free. Room: Lobdell. Sponsor: Dance Mix Coalition, Undergraduate Association. Zeta Beta Tau, Senior House, East Campus, Weekends@MIT.

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Saturday, September 9

1:00 a.m. - **lateArrival.** For those with energy left, the afterparty for the faithful. Location TBA at web site and at Arrivalhall. free. Room: <http://web.mit.edu/mitdmc/www/>. Sponsor: Dance Mix Coalition, Undergraduate Association. Zeta Beta Tau, Senior House, East Campus, Weekends@MIT.

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TechCalendar appears in each issue of *The Tech* and features events for members of the MIT community. *The Tech* makes no guarantees as to the accuracy of this information, and *The Tech* shall not be held liable for any losses, including, but not limited to, damages resulting from attendance of an event. Contact information for all events is available from the TechCalendar web page.

unclaimed work). free. Room: List Visual Arts Center (E15). Sponsor: List Visual Arts Center.

7:00 p.m. - **MITHAS Concert.** M. Chandrasekaran and Bharati Gopal, Carnatic violin and Umayalpuram Mali, mridangam. Presented by MITHAS (MIT Heritage of South Asia). \$15; \$12 stdnts/srs/MITHAS/NE Hindu Temple members; free MIT stdnts. Room: Wong Auditorium. Sponsor: MITHAS.

7:00 p.m. - **The Virgin Suicides.** Neighborhood boys discover their sexuality and delve into the mysteries of womanhood through their friendships with five sisters. (R) 96 m. \$2.50. Room: 26-100. Sponsor: LSC.

8:00 p.m. - **Return to the Forbidden Planet.** Musical parody of the classic science fiction movie of the same name. Derived from Shakespeare's The Tempest, this work borrows its music from the classics of 50's and 60's rock and roll. \$9, \$8 srs MIT fac/staff/other stdnt, \$6 MIT/Well stdnt; \$3 MIT frosh/xfers. Room: Kresge Little Theater. Sponsor: Musical Theatre Guild, MIT.

8:00 p.m. - **Welcome Dance with Swing Dance Lesson.** Join us for an evening of social dancing. The Swing Dance lesson will be held from 8-8:30p.m., followed by ballroom, latin and swing dancing 'til midnight! Refreshments served. Dress is casual. No partner, no experience necessary. \$2 members/ \$4 non-members. Room: Sala de Puerto Rico. Sponsor: Ballroom Dance Club.

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1:00 p.m. - 4:00 p.m. - **HTML Demo.** The HypertText Markup Language (HTML) is the standard for publishing on the World Wide Web. This session gives an overview of the electronic publishing process and shows how to code in HTML. Topics include: parts of an HTML document, the tags used to mark up documents, links, publishing documents on Athena. free. Room: N42 Demo Center. Sponsor: Information Systems.

4:00 p.m. - 5:00 p.m. - **Remote detection of passive promiscuous devices.** Mudge, the former CEO and Chief Scientist of the LOpht, will lead a discussion on remote detection of "passive" promiscuous devices. Such devices attempt to eavesdrop on network traffic without being detected. Mudge will discuss methods to detect them. Mudge is the original author of LOphtCrack, an NT password auditing tool. In addition, Mudge co-authored AntiSniff, a remote promiscuousmode detection program. He has written over a dozen advisories and various tools - many of which resulted in numerous CERT advisories, vendor updates, and patches. He has been called to testify before the Senate Committee on Governmental Affairs and be a witness to the House and Senate joint Judiciary Oversight committee. Mudge has briefed a wide range of members of Congress and has conducted training courses for the Department of Justice, NASA, the US Air Force, and other government agencies. In February, following the wave of denial of service attacks on consumer Web sites, Mudge participated in President Clinton's security summit at the White House. free. Room: NE43-518. Sponsor: LCS Applied Security Reading Group.

4:00 p.m. - 5:00 p.m. - **Differential Geometry Seminar.** An equation of Monge-Ampere type arising in conformal geometry. free. Room: Room 2-146. Sponsor: Differential Geometry Seminar. MIT Department of Mathematics.

4:15 p.m. - 5:30 p.m. - **Grobner Bases.** free. Room: Room 2-105. Sponsor: Applied Mathematics Colloquium. MIT - Department of Mathematics.

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MIT Grad Student Stabbed Near Home

Another Victim Robbed at Knife-Point
While Crossing Boston University Bridge

By Naveen Sunkavally
EDITOR IN CHIEF

A Media Lab graduate student suffered minor injuries after an attack by an unknown assailant outside of his house early Tuesday morning.

Jonah Peretti G was unlocking the door to his house near Prospect Street when the attacker approached him from across the street and stabbed him in the chest. "I'd only been living in the house for two days," Peretti said.

Peretti, who did not suffer puncture wounds to his lungs, was treated and released on the same day from Massachusetts General Hospital.

Frank Pasquarello, public information officer for the Cambridge Police Department, which responded at the scene at 2:15 a.m., said that the CPD had no suspects. "It was a pretty random attack," Pasquarello said.

Peretti described the assailant as a "deranged" 5'7" black man in his mid forties. "He was muscular but not someone who looked like he was working out at a gym," Peretti said.

The motive for the attack is unclear, as the suspect did not take

anything from Peretti. "It was a very sloppy mugging," Peretti said.

The area of the attack has not been considered a high-risk location. Pasquarello described it as a "relatively quiet neighborhood."

However, Peretti said that he had heard of a robbery in the area approximately three weeks before he moved in.

Armed robbery on BU bridge

In an unrelated incident a few hours before the attack near Prospect Street, a person was robbed at knife-point while walking along the Boston University Bridge towards Cambridge.

According to a Campus Police bulletin, the suspect, who had come from behind the victim, said, "Don't move! Where is your money?" The suspect took the victim's wallet, which contained \$20 cash, credit cards, his checkbook and keys.

According to the bulletin, the victim described the suspect as a black male in his late 20s, approximately 6'2" with long hair in a ponytail and a mustache. The victim described the weapon as a 3-4" long silver blade, similar to a hunting or fishing knife.

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Student Center, Room 483 253-1541

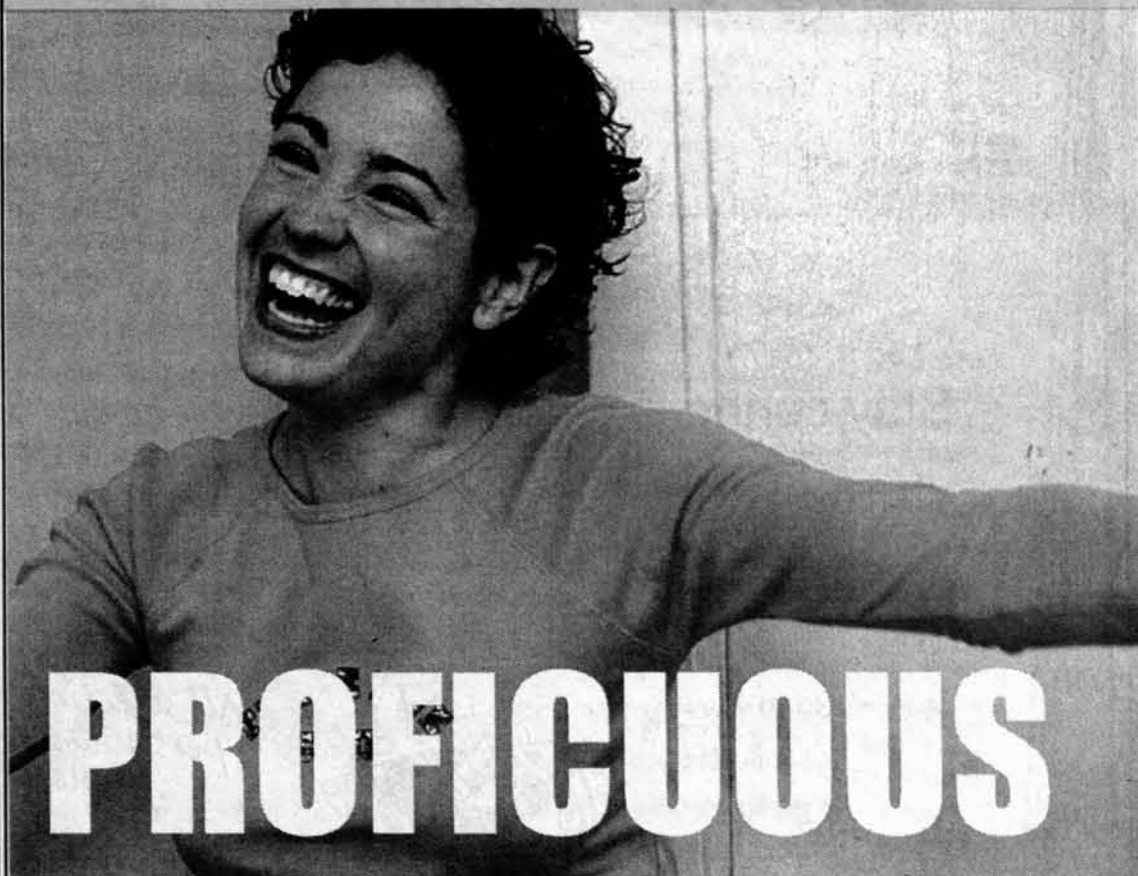


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CLC Criticizes GRT Authority

Next, from Page 1

Following the hearing, Dean for Student Life Larry G. Benedict said that he supports Next House's proposal and would like to explore expanding portions of the plan Institute-wide.

The administration wants "consistency across the institution in respect to alcohol regulations," Benedict added.

CLC questions plan's effectiveness

While supportive of the intent behind Next House's proposal, the CLC criticized MIT for not granting GRTs enough authority to stop underage drinking.

Ouellette said at the hearing that MIT has given him very little power to stop underage drinking. On the night of the incident, he could not card students or enter their rooms to check for violations.

Like other universities, MIT allows its GRTs to stop disturbances within their halls or their dorms. However, MIT does not allow them to issue citations for alcohol viola-

tions, and GRTs cannot enter a resident's room to stop illegal activity such as underage drinking without the resident's permission.

In the event of an incident, the GRT must rely on assistance from the housemaster, the Institute, and the Campus Police.

"My main responsibility is to pull the [rule breaker] away and talk to them," Ouellette said. "The resident advisors at MIT aren't policemen."

CLC member and acting Cambridge Fire Chief Gerald R. Reardon criticized MIT for not making GRTs responsible for enforcing alcohol regulations. During his questioning of Ouellette, Reardon asserted that the GRTs had no authority to control alcohol use under MIT rules, leaving them "off the hook" in many cases of abuse.

"It doesn't sound like there's much enforcement here," Reardon said.

While recognizing the advantage of increased authority for GRTs, Ouellette said after the hearing that more authority would damage relations between students and tutors.

GRTs "are friends, are role mod-

els ... [but] not police," he said. "I think that [more authority] would break down trust. I've talked to a lot of students who said that it would."

Mitchell defended Ouellette and other GRTs, saying that enforcement at the dormitory level rests with the Dean's Office and not the individual dorm. He also said that the position of elected student officers at Next House is not to enforce policies but to "provide alternatives."

While Reardon attacked MIT's limited enforcement, CLC Chairman Benjamin C. Barnes criticized Next House's reliance on peer pressure as a deterrent to underage drinking. After Mitchell discussed Next House's plan to penalize an entire wing for an alcohol violation, Barnes asked, "Why not [give a] higher tax to problem individuals?"

Barnes also chastised the house for relying on TIPS training for its supervisors. "TIPS is for individual people selling alcohol," he said. "I don't know how that fits into [the plan]." He encouraged the house to participate in a City of Cambridge program to limit alcohol abuse by promoting individual responsibility.

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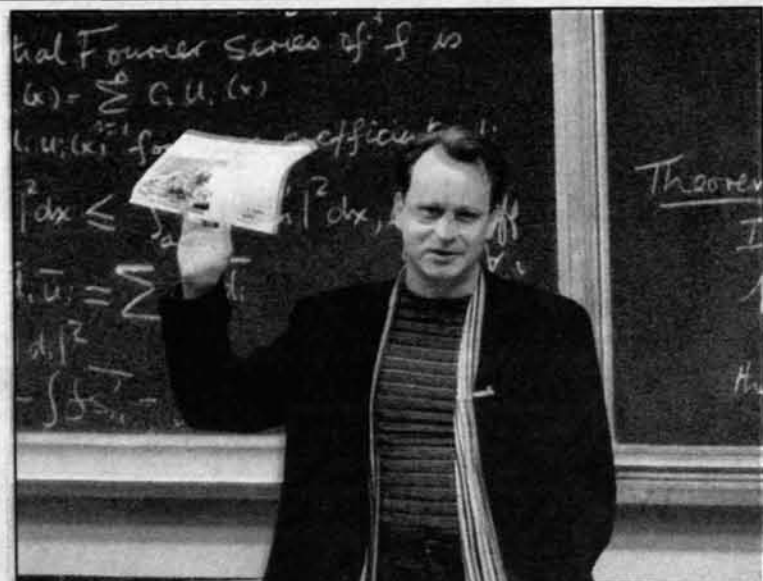
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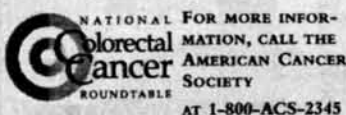
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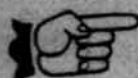
Benafuchi's father.

"Benafuchi is so cute."

Benafuchi's mother.

"Benafuchi, can you say that?"

Mr. Rogers.



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Board Recommends Redesigned Parking

Grad Dorm, from Page 1

the design review meeting was to reconfigure parking so that the number of spaces would be minimized and the spaces would be confined to one location.

"Why can't all the spaces be underground?" said Board Chair Larissa Brown.

In a previous community meeting, Cambridge City Councillor Henrietta Davis said that having too many spaces would create traffic problems by attracting commuters to the dorm.

Michael K. Owu '86, project manager for the new dorm, said that the 250 parking spaces were necessary. Of the spaces, 150-187 spaces would be reserved for dorm residents, with some of the above-ground spots taken by workers of the retail outlets. In addition, graduate residents of the soon-to-be-renovated warehouse on Albany and Pacific Street will also use some of the spaces, Owu said.

At a previous community hearing, however, Owu had said that only 100 spaces would be reserved

for graduate student residents.

The Board also asked MIT to make the building look more residential in nature.

"Design and aesthetics are a very subjective thing. It's impossible to meet everyone's needs. Our goal is to listen to [the Board] as much as possible and try to respond to them within the constraints we have," Owu said. Owu said that cost considerations would prevent the addition of more parking spaces underground.

"We have to keep the building as efficient as possible," Owu said.

Kachani said the Planning Board was right in its concerns. MIT "could have done a much better job," but the Board's decision "still responds to the needs of students," he said.

Kachani said that he did not expect the graduate dormitory to be delayed as a result of the need for modifications to the design. The dorm construction is expected to be completed by August 2002.

"It was the best outcome we could have dreamed of given all the opposition of the Planning Board," Kachani said.

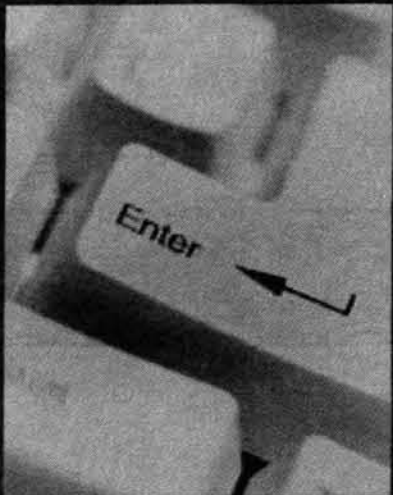
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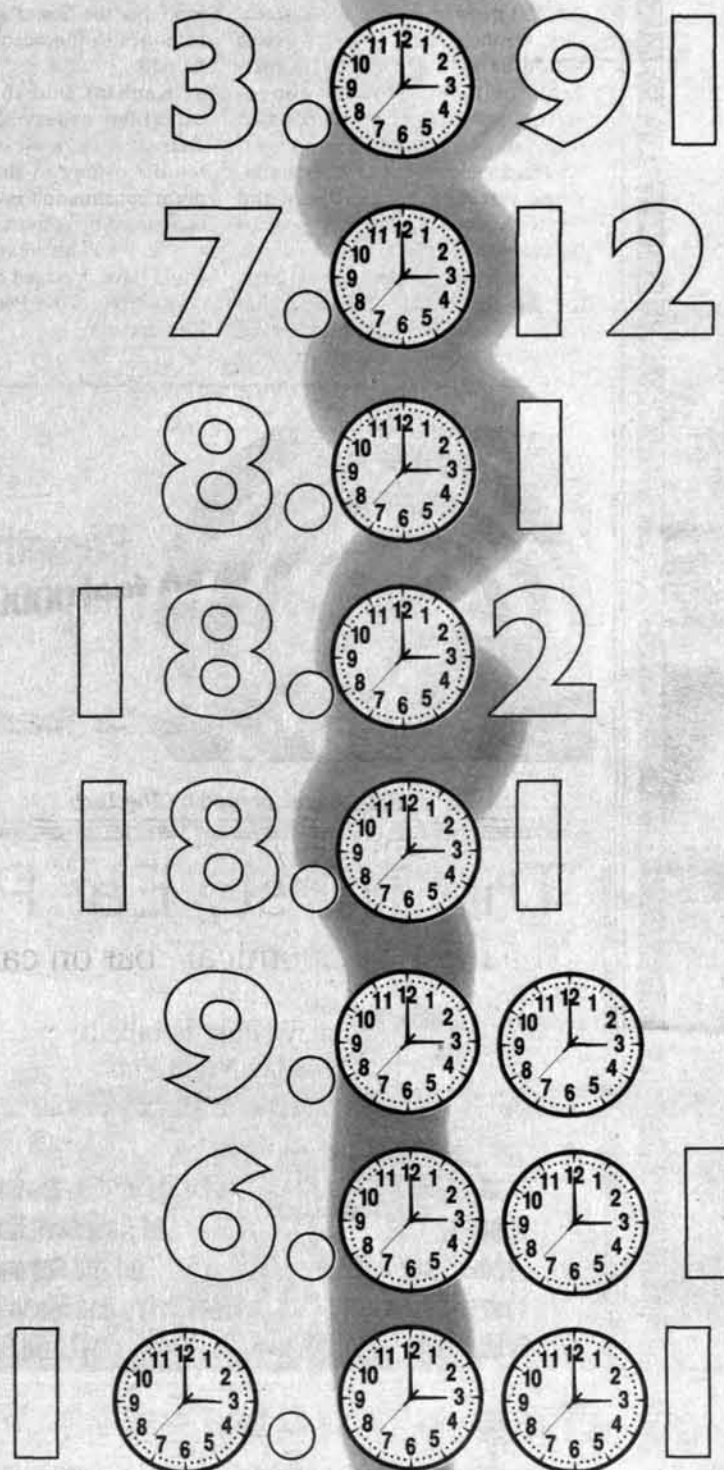
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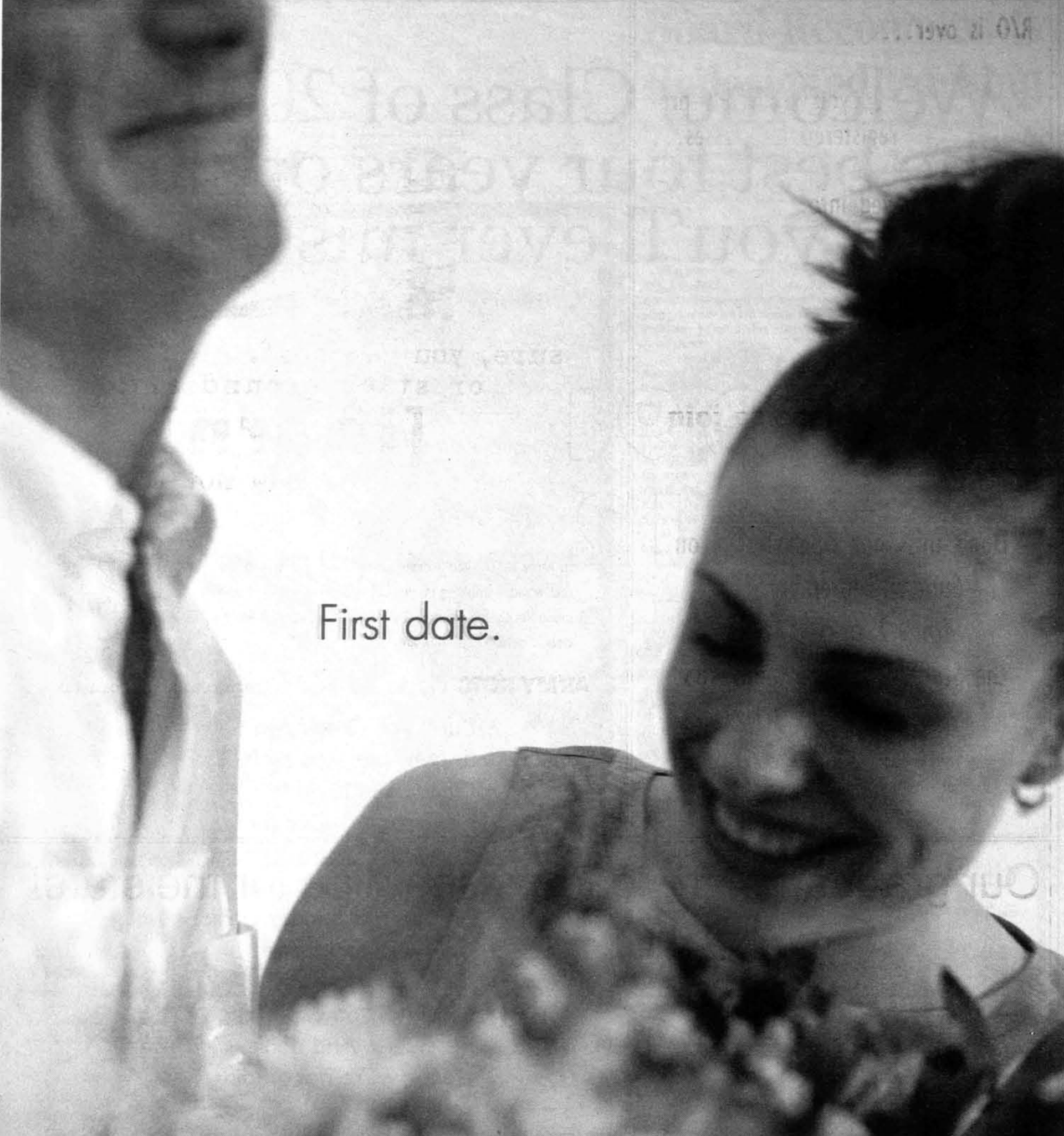
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- You cannot reserve a place in an Athena Minicourse. Just show up in 3-343 during the semester.

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Athena Fall 2000 Minicourse Schedule



Room 3-343
Open to all MIT students, faculty, and staff
September 11 - October 19, 2000

Room 3-343	Monday	Tuesday	Wednesday	Thursday
noon 7pm 8pm	Sept. 11 Matlab MSO Matlab	Sept. 12 Matlab MSO Matlab	Sept. 13 Maple Maple Xess	Sept. 14 Xess Maple Xess
noon 7pm 8pm	Sept. 18 First Course First Course Working	Sept. 19 Working First Course Working	Sept. 20 First Course WPO EZ	Sept. 21 Working WPO EZ
noon 7pm 8pm	Sept. 25 Student Holiday No Classes	Sept. 26 HTML HTML Info Res	Sept. 27 Ser. Emacs Ser. Emacs Dotfiles	Sept. 28 Dotfiles Ser. Emacs Dotfiles
noon 7pm 8pm	Oct. 2 Frame Frame Frame Ths	Oct. 3 FrameThs Frame Frame Ths	Oct. 4 LaTeX LaTeX LaTeXThs	Oct. 5 LaTeXThs LaTeX LaTeXThs
noon 7pm 8pm	Oct. 9 Holiday Columbus Day No classes	Oct. 10 Holiday No classes	Oct. 11 First Course Working Working	Oct. 12 Working WPO MSO
noon 7pm	Oct. 16 Dotfiles Dotfiles	Oct. 17 HTML HTML	Oct. 18 Ser. Emacs Frame	Oct. 19 First Course First Course

Libraries



Turn to the MIT Libraries Web page to find an array of online services and information including:

- Hours, locations and phone numbers of all the MIT libraries.
- Barton, MIT's Online Public Access Catalog (OPAC), with sophisticated search engines
- Online Reference Tools:
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 - Merriam-Webster Collegiate Dictionary
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GIS Software at MIT



Information Systems is offering a new class this fall. Learn about the GIS software and spatial data available at MIT.

MIT has site licenses for the ESRI family of software including Arcinfo, Arcview, and ArcSDE as well as an Athena license for Splus SpatialStats. Come learn what these packages can do, where to find help for using them, and where to find spatial data at MIT and on the Internet.

The class will be held in the N42 Demo Center on September 18, 2-3pm and again on September 22, 10-11am.



Protect Your Account Anywhere on MITnet

In attacks on MITnet, sniffer programs gathered usernames and passwords by "listening" to telnet and ftp packets as they traveled over the network.

If you use a computer connected to MITnet, you can take some very basic precautions to safeguard your password and your data.

- Use Kerberized applications whenever possible. Email on Athena is Kerberized as is Eudora for Windows and Macintosh. Kerberized telnet is available on Athena and for Windows and Macintoshes (see <http://web.mit.edu/is/help/ktelnet/>).

Choosing a password

Choose a password that you can remember—but others can't easily guess:

- Do use six or more characters, mixing upper- and lowercase letters (passwords are case sensitive) and numbers (but no spaces).
- Do pick something utterly obscure (misspell something or create an acronym, e.g., GykoR-66 for "Get your kicks on Route 66").
- Don't use your real name, your username, any common name, name of a close relative, friend, or pet, or name from popular culture in any form (even backwards, or sideways).
- Don't use any significant numbers (phone, office, social security, license plate, address, birthday, anniversary).

- Don't use any word in a dictionary.

Changing your password

It's a good idea to change your password regularly (e.g., at least once a semester):

`athena% passwd`

Keeping your files safe

No computer is completely private and secure, but you can make access to your files very difficult:

- Never "lend" your account to anyone—and keep your password secret!
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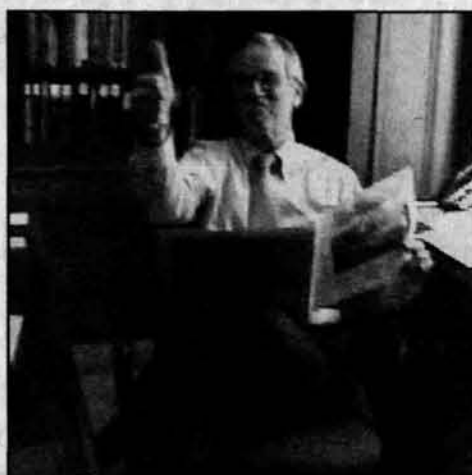
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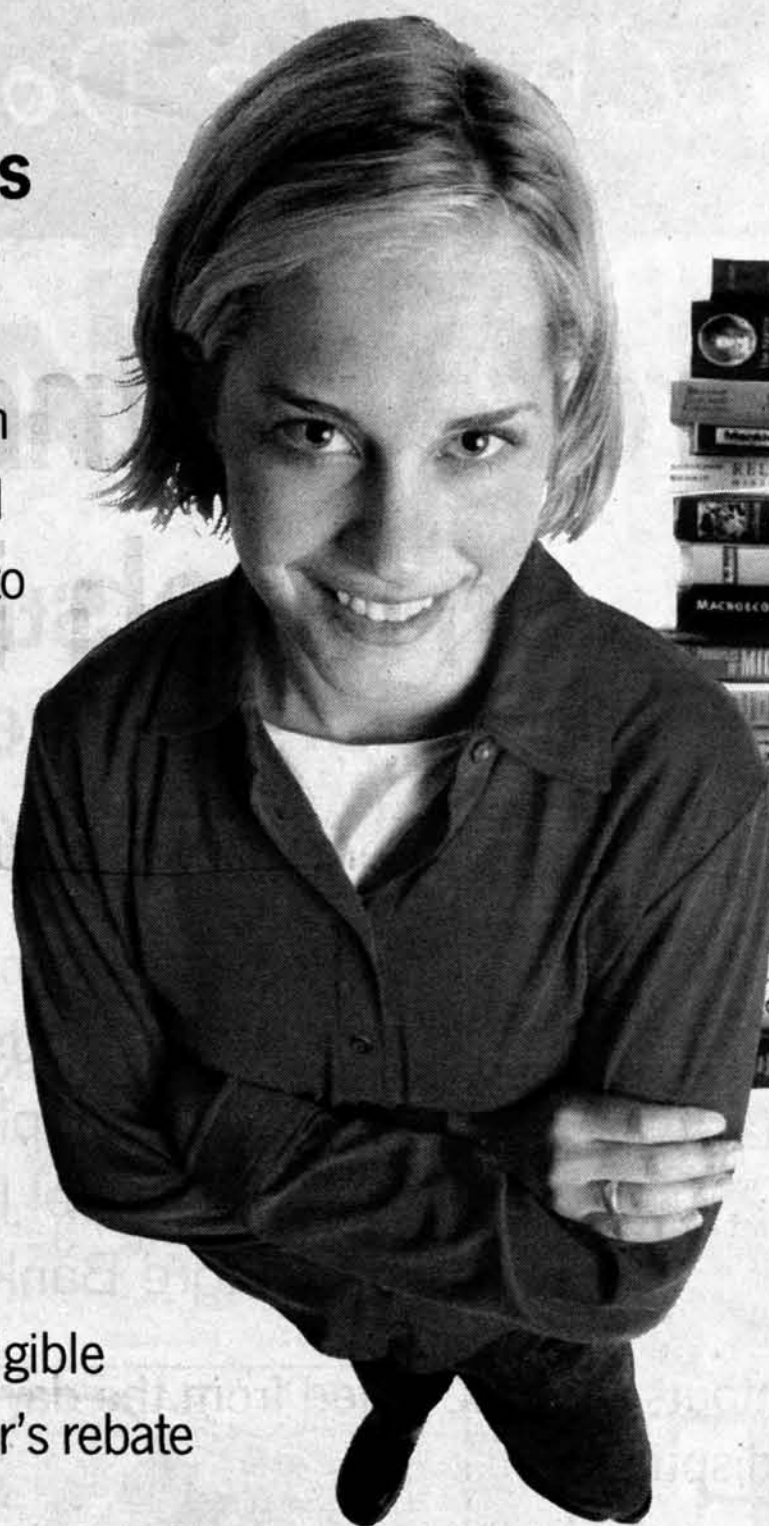
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Repairs Completed In Under Two Days

Muddy Charles, from Page 1

where the Muddy Charles is located, have asbestos coverings, as is common in many older buildings. As long as such coverings remain undisturbed, they pose no health risk, said Jamie Lewis Keith, managing director for environmental programs and risk management senior counsel.

However, during repairs for a small leak in a pipe near the cafeteria last week, some asbestos was damaged, said Campus Activities Complex Director Phillip J. Walsh.

The Environmental Medical Services were called to inspect the repairs, and damage to the asbestos coverings in the Muddy Charles Pub's storeroom was discovered.

"Upon inspection of the storage room, they discovered what's typified as 'significant' damage. I believe a small section had fallen," Walsh said.

The damaged asbestos required immediate action by the Industrial Hygiene Office, said Keith.

"When the Industrial Hygiene people found out some asbestos might have been compromised they were required legally to close it right away," said Keith.

Pub manager Joe Contrada expressed frustration with the fact that asbestos was removed on this kind of basis.

"I've known the asbestos has been down there for years. I was in touch with the Campus Activities Complex and I said anytime you want to schedule [asbestos removal] is fine," but nothing was scheduled until the damage was discovered, Contrada said.

The timing couldn't have been worse for the Muddy Charles, which suddenly found itself without access to all its alcoholic supplies two days before its major graduate student orientation event.

Contrada said, "I had tons of stuff I couldn't get to. I had to call suppliers ... ordering three cases of beer just to get us through the day."

Quick work resolves dilemma

As the state-licensed asbestos removal contractor was already working on campus, they were able to quickly shift their work to the Pub's storeroom.

"We got a variance from the state to go in and get the work done

immediately. The next day the Muddy Charles was up and running without a significant impact," Walsh said.

Contrada concurred. "The asbestos company's phenomenal. They did it in forty-eight hours," he said.

Aramark was also instrumental in resolving the issue, coming to the aid of the Muddy Charles.

"Aramark was wonderful in coming through. They were very quick to find a walk-in cooler and storage area and make it available to the Muddy Charles," said Walsh.

Compensation sought for supplies

During the course of asbestos removal, some of the beer and wine in the storage room was thrown away. Walsh said that any item that

couldn't be cleaned adequately was thrown out.

"The asbestos contractor has to make that value judgment," Walsh said. "You can't take chances with asbestos. For instance, there may have been beer caps that would be hard to clean."

Walsh added that MIT would offer compensation for the Muddy Charles's losses: "There is every intention to

cover [the damages]." Contrada estimated the losses at \$1,000. He is preparing a report to present to MIT for compensation.

Early on, the lack of communication among those involved provided a source of tension. Contrada was notified after the store room was locked up. "The locksmith called me at home as a courtesy."

Contrada said that the process was frustrating. "I was fit to be tied. It's just the mechanism ... and the lack of communication."

"Had this been done on a scheduled basis it could have been done for nothing," he said.

After the dust settled, the Environmental Medical Services acknowledged the need for immediate notification.

"They need to explain to people why they have to do it so quickly ... They could have been clearer. They are committed to paying attention to that communication on a going-forward basis," said Keith.

In the end, however, Walsh noted, "It was certainly not the loss it might have been."

"I've known the asbestos has been down there for years. I was in touch with the Campus Activities Complex and I said 'any time you want to schedule [asbestos removal] is fine,'"

— Joe Contrada,
Pub Manager

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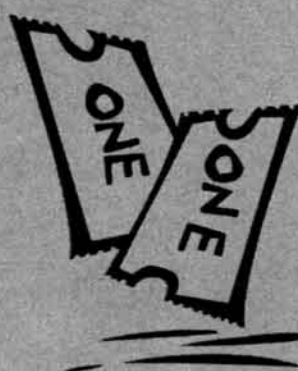


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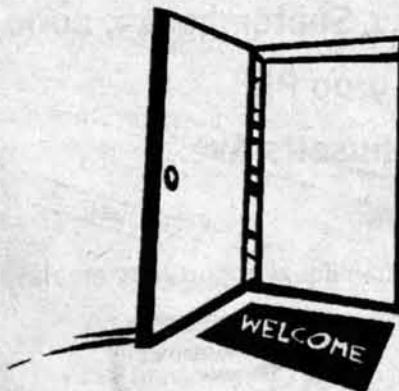
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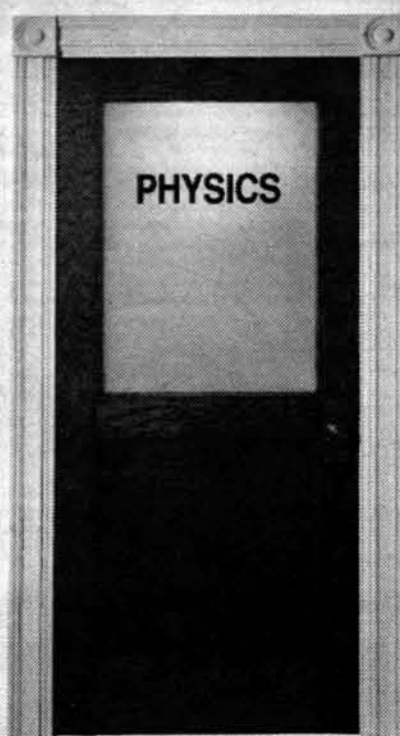


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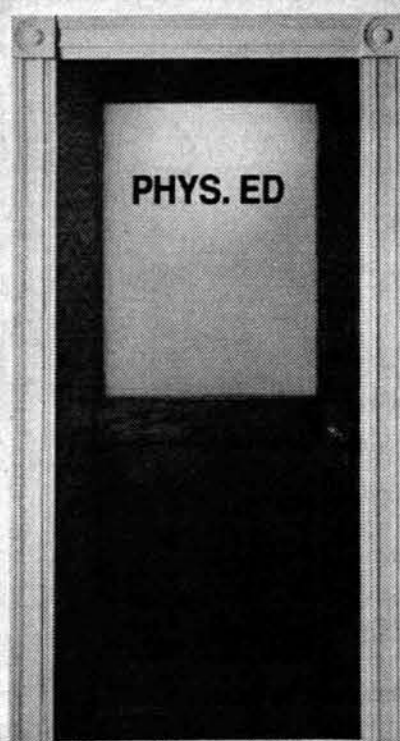
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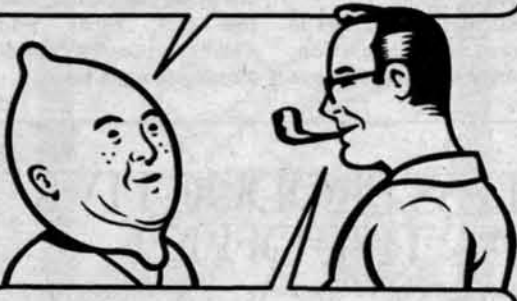
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6. University of Pennsylvania (PA)
8. Duke University (NC)
9. Dartmouth College (NH)
10. Columbia University (NY)
10. Cornell University (NY)

Vest Questions Value of Rankings

Rankings, from Page 1

endowments in research programs tend to benefit graduate students more than undergraduates.

Vest said that "the hair splitting of actually rank-ordering such disparate institutions is essentially meaningless. MIT is guided by what our faculty believes to be the best curricula and institutional strategies, rather than by magazine rankings."

In rankings by specific department, MIT placed first in Aeronautical and Astronautical Engineering,

Chemical Engineering, Computer Science, Electrical Engineering, and Mechanical Engineering. The Institute also ranked first in business programs in management information systems and production/operations, and tied Carnegie Mellon for the top spot in electronic-commerce.

In terms of campus diversity, MIT ranked 7th, with a score of .65 out of a possible 1.

25 percent of the rankings is based on academic reputation, which is compiled from surveys

sent to the presidents, provosts, and deans of admission at 228 national universities. Princeton, Harvard, Yale, Stanford, and MIT all received a score of 4.9.

MIT also placed 8th in the best value list, which relates the average school grant to the average financial responsibility per student.

For more information on the ranking process and a detailed layout of all the ranked schools, visit the U.S. News website at <http://www.usnews.com/usnews/edu/college/corank.htm>.

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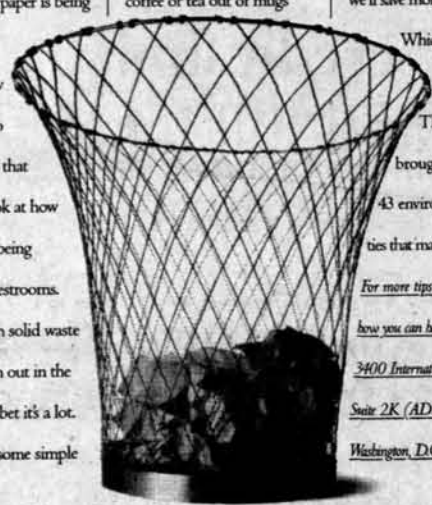
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Football To Open Against Key Rival

Football, from Page 36

returns for another year, led by Huang, a GTE/coSIDA Division III Academic All-American selection. The best cover man on the team, Huang notched five interceptions in last season, good for third in the NEFC. Playing opposite Huang is left cornerback Alvan Eric P. Loreto '01, who is coming off a solid junior year and has demonstrated marked improvement in his open-field tackling ability. Free safety is manned by 1999 freshman sensation Brian D. Hoying '03, whose superb athleticism makes him an excellent zone defender. Hard-hitting defensive back Kevin R. Richardson '01 rotates between cornerback and safety. Finally, Jang S. Kim '01, who moves into the secondary after playing wide receiver last year adds depth and toughness to the last line of defense.

Special teams expected to flourish

The special teams units shone in 1999, and this year major contributions are again expected. Punter/kicker Kevin M. Ferguson '02 seeks more consistency but is a heads-up player whose leg strength has increased considerably over the course of the past year. Ferguson is capable of averaging 40 yards per punt, and has the ability to drill 45-yard field goals. Attention to detail during special teams practice resulted in several blocked kicks. Huang, Schrieber, Richardson, and J. Kyle Marti '03 are the big playmakers on kickoffs and punts. Speedy rookie Corey D. Carter '03 should see time on every unit, and tough safety Tyler D. Griffith '04 should open some eyes on special

teams. While Richardson and Loreto to handle the kickoff return duties, just Loreto will field kicks in MIT's new one-deep punt return formation.

Beavers open against Massachusetts Maritime

For their first test of the season the MIT football team travels to Buzzards Bay near Cape Cod for a showdown with the Massachusetts Maritime Buccaneers. The Buccaneers finished 8-2 in 1999, including a 20-2 victory over MIT in Cambridge. Hopes are high for MMA, who return 25 lettermen and 15 starters and should again challenge for top billing in the NEFC.

The focal point of the MMA offense is junior tailback David Burrill, who rushed for 1313 yards and 11 touchdowns in 1999, earning a Division III All-East selection by football gazette. Burrill burned the Beavers for 178 yards and two touchdowns in last season's matchup.

The Buccaneer defense is loaded along the defensive front, with Football Gazette All-American Third Team selection William Linke (59 solo tackles, 17 sacks, 17 tackles for loss) returning for another season.

Wind is always a factor near the cape, and Saturday's contest will limit the effectiveness of MMA's passing attack. The outcome of the game will be determined by which of the teams runs the ball more effectively. If the aggressive MIT defense can hold Burrill under 100 yards, then the Beavers have a legitimate shot at securing a victory in their season opener.

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SPORTS

Football Optimistic for Season, Despite Offensive Woes

By Alvin P. Loreto

STAFF REPORTER

As the dog days of summer make their shift into autumn, you can be sure that people are already writing off the chances of success for the MIT football team. The Beavers start their new season with holes to fill since two all-star defensive linemen and a rugged running back recently graduated. In addition, several other players, including last year's quarterback, are taking the year off to focus on school.

In the New England Football Conference, no one is laughing louder than the Beavers themselves. "We're used to people not giving MIT any respect out there," says right cornerback and co-captain Angus Huang G. "But this year some of the other teams in the conference know we're pretty decent. No more sneaking up on people for victories."

Looking back on yesteryear

Indeed, the MIT squad turned heads with a 6-4 season (5-3 NEFC Blue Division) in 1999, and despite the losses at some key positions, is brimming with confidence for their year 2000 campaign. "Playing for MIT, you have to expect people not coming back," says inside linebacker and co-captain Brian L. Licata '01.

A solid effort by the Beavers this past Saturday in a 19-6 preseason road victory over the Fitchburg State Falcons showed, however, that the Engineers are not only eager, but also quite prepared, to pick up exactly where they left off. "This is the wrong year to take us for granted," says outside linebacker and co-captain James C. Jorgensen '01.

Lacking offense causes worries

Although the team shares Jor-

gensen's confidence going into the season opener, one cannot deny the effects of the missing players, particularly on the offensive side of the ball. The Engineers now look to rebuild their option offense around 1999 backup Kip M. Johann-Berkel '02. Johann-Berkel, who has several games of quarterbacking experience under his belt, is originally a full-back, which adds resilience to the Beaver option attack.

Next in line are Michael J. Harvey '04 and Philip M. Deutsch '04, who have both shown promising talent and may challenge for the starting spot by mid-season, allowing Johann-Berkel to move back into the backfield. The inexperience of all three, however, may keep the MIT offense from playing well early in the year.

Receivers shows offensive threat

The strength of the MIT offense is undoubtedly its receiving corps, but the talent may be shelved until a quarterback emerges who can get them the ball. Hardworking wide-outs Robert R. Owsley '02 and Gregory N. Nelson '02 are solid run-blockers with good leaping ability and concentration. In addition, Richard P. Weber '03 has converted from tight end to receiver, bringing the toughness of an interior player closer to the sidelines.

The biggest weapon, however, remains tight end Keith V. Battocchi '03, who has gained the respect of the entire conference by being a superior blocker with quick feet and soft hands. Battocchi's large build and ability to navigate through traffic will make him the favorite target for the Tech quarterback platoon. The MIT running game has been weakened by the graduation of scrappy running back Enrique J.



Running back Kamal Mokeddem '01 pulls away from a tackle during a preseason scrimmage last week.

Villavicencio '00. Johann-Berkel, speedster Kamal H. Mokeddem '01, and oft-injured fullback John R. Boyer '01 are the only Tech running backs to have started an NCAA game; yet none has gone more than half a season. The backfield figures to gain depth as the year goes on,

and the unit has exhibited an accelerated learning curve in preseason sessions. First-year fullback Armando G. Mesa '03 has looked particularly tough in practice.

The offensive line is where MIT has been hit the hardest, and it is here that freshmen are expected to make the biggest contribution.

The entire offense leans on senior right guard and co-captain Jarad J. Vasquez '01, a four-year starter who remains the most vocal player on the offensive side of the ball. Vasquez's experience will be instrumental in the development of such fresh-faced linemen as Keith G. Reed '04 and Justin M. Nelson '04, the latter of whom has been rushed into duty after a preseason injury to returning center Bradford S. Lassey '03. Tackle Fernando Ceballos '02 also brings much-needed experience to the group. Getting the offensive line in sync as early as possible is the key to MIT's success this year.

High expectations for defense

Early in the year, the Engineer defense will be expected to carry the team, keeping games close until the offense can strike. The Beavers return nine starters on the defensive side of the ball. The confidence, ability and experience of the veteran players have allowed for more flexibility in the defensive game plan, which will cause even more problems for opponents. If anything, the defensive line has been working as a more cohesive unit, and based on

their improvement from last year they should be able to match the fifteen to twenty tackles per game that Nikolas O. Kozy '00 and Philip L. Colomy provided. Big nose tackle Eugene F. Mehr '01 plugs the middle running lanes and effectively draws double-teams.

Defensive ends Brian C. Alvarez '02 and Thomas J. Hynes '02 are both strong and quick and will be underestimated often by opponents. Freshmen David T. Dopson '04 and Daniel Relihan '04 will make major contributions this year.

At linebacker, all four starters are back, with each making considerable physical gains through off-season training.

Licata leads defensive line

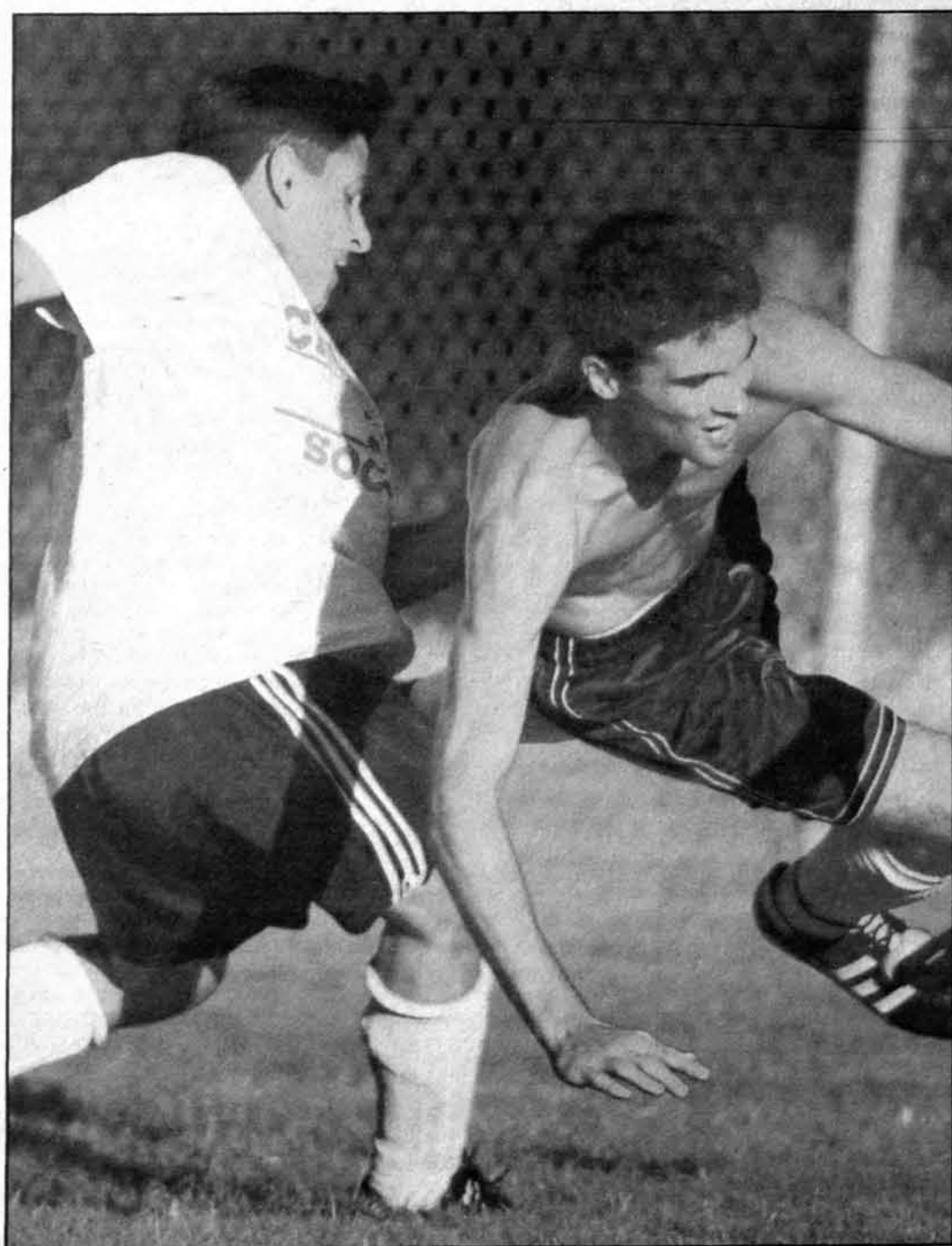
The leader of the defense is middle linebacker Licata, whose improvement in zone pass coverage drops increased over the last two years. Licata shares the middle with Brent M. Schrieber '03. Running outside will be no easy task for MIT's opponents either, as outside linebackers Jorgensen and Daniel J. Bush '01 have been playing not only tougher but also smarter football early this year. Jorgensen and Bush can also play solid man-to-man coverage, which will allow the defense to take more risks with stunts and blitzes.

Defensive backfield still whole

The entire defensive backfield

Injury Report

FS Estanislao Fidelholtz '04, shoulder, out;
OL Justin Nelson, back, probable;
FB John Boyer, right quadriceps, uncertain.



Douglas L. Allaire '04 is tripped up by an Eastern Nazarene defender on the playing fields during a friendly scrimmage on Wednesday.

UPCOMING HOME EVENTS

Saturday, September 9

Field hockey vs. Bowdoin College, 1:00 p.m.
Women's soccer vs. Eastern Nazarene College, 1:00 p.m.

Tuesday, September 12

Women's soccer vs. Emmanuel College, 4:30 p.m.
Field hockey vs. Amherst College, 7:00 p.m.
Women's volleyball vs. Wheaton College, 7:00 p.m.

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